

Date: Wed, 16 Jan 2002 13:18:03 EST
From: qrp-1@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: QRP-L digest 2436

QRP-L Digest 2436

Topics covered in this issue include:

- 1) [117547] ARRL Survey
by Larry Cahoon <lejek@erols.com>
- 2) [117548] FS K1, KFL1-2
by "Rod NØRC" <rod@nØrc.com>
- 3) [117549] FOX WØUFO Log corrections #1
by MertNellis@aol.com
- 4) [117550] Re: [Elecraft] FS K1, KFL1-2
by Phil Wheeler <w7ox@earthlink.net>
- 5) [117551] 65A Gell Cell SALE
by wo7t@juno.com
- 6) [117552] Re: Mindspring/Earthlink users
by "Dale Holloway" <dale@k4eq.com>
- 7) [117553] Re: WM-2
by <igeq100@iupui.edu>
- 8) [117554] Thanks - Harbor Freight punch
by Michael Goins <mgoins@usa.net>
- 9) [117555] MFJ Switching PS for FT-817
by "K5XU, Mike Duke" <k5xu@netdoor.com>
- 10) [117556] Re: WM-2
by Ted Kell <tedkell@ev1.net>
- 11) [117557] NAQP final score
by "George Osier" <gosier@twcnny.rr.com>
- 12) [117558] FS: Unbuilt Elecraft KFL1-4 MODULE
by "K7FD N7SG" <k7fd@hotmail.com>
- 13) [117559] Re: MFJ33' telescoping mast?
by "Ingo, DK3RED" <dk3red@t-online.de>
- 14) [117560] Re: 65A Gell Cell SALE
by "George, W5YR" <w5yr@att.net>
- 15) [117561] SOLD: KFL1-4
by "K7FD N7SG" <k7fd@hotmail.com>
- 16) [117562] Re: MFJ33' telescoping mast
by "Adrian Weiss" <aweiss@usd.edu>
- 17) [117563] Re: MFJ33' telescoping mast
by adamvaz@palm.net (Adam Vazquez)
- 18) [117564] Re: Epiphyte 3 saga continues
by Tim ORourke <TORourke@KaiserFT.com>
- 19) [117565] Re: MFJ Switching PS for FT-817
by "Karl F. Larsen" <k5di@zianet.com>
- 20) [117566] Re: MFJ33' telescoping mast

- by "Karl F. Larsen" <k5di@zianet.com>
- 21) [117567] Re: MFJ Switching PS for FT-817
by "ss lyon" <sslyon@megalink.net>
- 22) [117568] Re: Te-Ne-Key or Paddlette?
by k8ff@juno.com
- 23) [117569] Got A Chuckle Out of This
by "Tom Curtola" <tcurtola@rogers.com>
- 24) [117570] RE: Need info about integrated circuits
by "Prof. Arnaldo Coro Antich" <inforhc@ip.etcusa.cu>
- 25) [117571] RE: Need info about integrated circuits
by wb0wao@hotmail.com (Dennis Ponsness)
- 26) [117572] Last request for Colorado QRP Club Snowshoe logs - Please submit
by Vince Kumagai <vkumaga@qwest.com>
- 27) [117573] alive
by "Tracy Markham" <tracy@bytemark.com>
- 28) [117574] Last Call Sale .. QRP Contest Calendar for 2002
by "ss lyon" <sslyon@megalink.net>
- 29) [117575] Can you say "Out of touch"? Sure you can.
by nilsbull@juno.com
- 30) [117576] Re: NAQP 2002 QRP
by Ron KU7Y <msswmod@bigplanet.com>
- 31) [117577] Re: question - harbor freight punch?
by "Mike Malone" <mmalone@worldlogon.com>
- 32) [117578] Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
by "Ron Polityka" <wb3aal@fast.net>
- 33) [117579] FT-243 crystals - seeking
by n5ib@juno.com
- 34) [117580] Re:Test-delete
by Richard Dell <rxrd7@pop.cwru.edu>
- 35) [117581] CW Lives
by N1EU <n1eu@yahoo.com>
- 36) [117582] New England QRP SSB NET Tuesday at 8:30PM EST 3.930+/-5Khz
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 37) [117583] Re: Conjugate Matching
by Bill Coleman <aa4lr@arrl.net>
- 38) [117584] Re: Conjugate Matching
by Bill Coleman <aa4lr@arrl.net>
- 39) [117585] RE: Need info about integrated circuits
by "Leon Heller" <leon_heller@hotmail.com>
- 40) [117586] [Fwd: Re: Conjugate Matching (now very long!)]
by "George, W5YR" <w5yr@att.net>
- 41) [117587] Team W8PIG on FYBO
by "Brian" <brian@iquest.net>
- 42) [117588] Posting Test
by "George, W5YR" <w5yr@att.net>
- 43) [117589] 28 NorCal Cap Kits Left
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 44) [117590] QRP NVIS

by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
45) [117591] Re: Need info about integrated circuits
by "ZOOM" <kandrparker@sympatico.ca>
46) [117592] RE: Type 75 Ferrite Beads?
by "Tracy Markham" <tracy@bytemark.com>
47) [117593] Re: Epiphyte 3 saga continues
by David Hinerman <WD8CIV@worldnet.att.net>
48) [117594] Re: Was: ADE mixers, Now: driving mixers
by Jake Brodsky <frussle@erols.com>
49) [117595] Mic for sale
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
50) [117596] Ten Tec rig for sale
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
51) [117597] Re: CW Lives
by Garie Halstead <k8kfj@ntelos.net>
52) [117598] CUB FOX HUNT NUMBER 12
by "Brice D. Hornback" <bdh@cyberbound.net>
53) [117599] FT:PC-VFO Jr.
by "Bill Jones" <kd7s@psnw.com>
54) [117600] Re: Posting Test
by Pete Burbank <plburbank@kih.net>
55) [117601] Re: CUB FOX HUNT NUMBER 12
by "Brice D. Hornback" <bdh@cyberbound.net>
56) [117602] Re: CW Lives
by adamvaz@palm.net (Adam Vazquez)
57) [117603] Re: Posting Test
by "Dennis Ponsness" <wb0wao@hotmail.com>
58) [117604] Re: [QRPP-I] RE: Elmer 001 - Hint for Removing Parts
by George Gingell <k3tks@u1.abs.net>
59) [117605] Re: [QRPP-I] RE: Elmer 001 - Hint for Removing Parts
by George Gingell <k3tks@u1.abs.net>
60) [117606] Connecting People Cell Phone Message
by N9DD@aol.com
61) [117607] FS: TenTec Century 21
by AC5JH@aol.com
62) [117608] Re: CW Lives
by David Hinerman <WD8CIV@worldnet.att.net>
63) [117609] Re: [Elecraft] FS K1, KFL1-2
by "Rod N0RC" <rod@n0rc.com>
64) [117610] # 89 confirmed ...ZD8Z ...700 mw !!
by "George Osier" <gosier@twcnny.rr.com>
65) [117611] FW: Mic for sale
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
66) [117612] test (please delete)
by "Conant, Paul" <paul.conant@lmco.com>
67) [117613] Dayton is coming
by Hank Kohl K8DD <k8dd@arrl.net>
68) [117614] No QRP-L Digest came my way yesterday

by Jim Glover <psykey@okcforum.org>
69) [117615] Re: alive
by "Trevor Jacobs" <fxtech@earthlink.net>
70) [117616] Re: No QRP-L Digest came my way yesterday
by N1EU <n1eu@yahoo.com>
71) [117617] Re: Posting Test
by "Ham" <KD5NWA@mbayona.com>
72) [117618] FS: QRP+
by "John Dorson" <jdorson@Worldshare.net>
73) [117619] Michigan QRP Net
by "Kwik, Ed " <ed.kwik@delphiauto.com>
74) [117620] MFJ-259
by "Ingo, DK3RED" <dk3red@t-online.de>
75) [117621] FS: OHR WM-1
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
76) [117622] FOX: "Final" version of N6WG Fox Log
by "Bob Tellefsen" <n6wg@earthlink.net>
77) [117623] QRPers in Laredo?
by Ed Manuel <edmanuel@directvinternet.com>
78) [117624] RE: FS: OHR WM-1 (gone)
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
79) [117625] Re: Was: ADE mixers, Now: driving mixers
by "Leon Heller" <leon_heller@hotmail.com>
80) [117626] Re: CW LIVES
by "Dennis Morales" <dennismo2@home.com>
81) [117627] OT Maybe about FT-747
by =?iso-8859-1?Q?Jocs=E1n_D=EDaz_L=F3pez?= <jocsan@ctehab.minbas.cu>
82) [117628] Re: MFJ33' telescoping mast
by William R Colbert <w5xe@juno.com>
83) [117629] Re: NAQP 2002 QRP
by Bill Coleman <aa4lr@arrl.net>
84) [117630] Re: MFJ Switching PS for FT-817
by MertNellis@aol.com
85) [117631] Re: MFJ33' telescoping mast
by W2AGN <w2agn@pobox.com>
86) [117632] Re: NAQP 2002 QRP
by "John Dorson" <jdorson@Worldshare.net>
87) [117633] USA-CA QRP
by Larry Cahoon <lejek@erols.com>
88) [117634] Re: Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
by "Joe Spencer" <kk5na@quadj.com>
89) [117635] RE: [fpqrp] to no one in particular
by "N8IE" <n8ie@woh.rr.com>
90) [117636] Re: MFJ-259
by Steven Weber <kd1jv@moose.ncia.net>
91) [117637] Question: OHR-100A Low Audio..
by "Phinizy, William" <wphinizy@filenet.com>
92) [117638] Ham Radio on CNN Headline News ticker

by "Steve/n0tu" <n0tu@codenet.net>
93) [117639] Re: MFJ-259
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
94) [117640] FOX: Where is the Cub Fox?
by "Karl F. Larsen" <k5di@zianet.com>
95) [117641] Rare Find! Leader Wattmeter...w/ QRP Range!
by "K7FD N7SG" <k7fd@hotmail.com>
96) [117642] Re: FOX: Where is the Cub Fox?
by "Mike WA8BXN" <hubby2k@hotmail.com>
97) [117643] Re: FOX: Where is the Cub Fox?
by "Brice D. Hornback" <bdh@cyberbound.net>
98) [117644] Re: FOX: Where is the Cub Fox?
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
99) [117645] Re: FOX: Where is the Cub Fox?
by "Don Wines" <dwines@tyler.net>
100) [117646] FOX: Well no joy
by "Karl F. Larsen" <k5di@zianet.com>
101) [117647] New Dual Band DDS Rig!
by Steven Weber <kd1jv@moose.ncia.net>
102) [117648] Re: FOX: Well no joy
by "George, W5YR" <w5yr@att.net>
103) [117649] FOX: Cub spot
by "Tom" <n1tp@worldnet.att.net>
104) [117650] looking for used laptop for PSK
by Michael Goins <mgoins@usa.net>
105) [117651] tubes without filaments? that's QRP !
by jacksonharbor@att.net
106) [117652] FOX Final Log W0UFO
by MertNellis@aol.com
107) [117653] CUB FOX HUNT - NUMBER 12 (Preliminary Log)
by "Brice D. Hornback" <bdh@cyberbound.net>
108) [117654] Re: New Dual Band DDS Rig!
by Michael Bower <bowerm@ix.netcom.com>
109) [117655] Re: tubes without filaments? [0A2 reg?]
by Chuck Carpenter <W5USJ@go.com>
110) [117656] Digest not received
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
111) [117657] NE-TX QRP Club Meeting
by Chuck Carpenter <W5USJ@go.com>
112) [117658] Re: tubes without filaments? [0A2 reg?]
by "Mike Yetsko" <myetsko@insydesw.com>
113) [117659] Re: tubes without filaments? [0A2 reg?]
by "George, W5YR" <w5yr@att.net>
114) [117660] KI6SN CW Filter
by "Francis Callahan" <colcal@srv.net>
115) [117661] Re: QRP NVIS
by Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
116) [117662] Re: QRP NVIS

by Jim Glover <psykey@okcforum.org>
117) [117663] Last nights NEQRP SSB NET
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

Date: Mon, 14 Jan 2002 00:41:40 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [117547] ARRL Survey
Message-ID: <5.1.0.14.0.20020114003952.021cb1d0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The current ARRL survey is on the new QRP DXCC award. Check in if you want to skew the results towards QRP. Currently almost 2/3 of the answers are "I don't do QRP." And only 9 of 535 have applied for the award.

73 de Larry.....WD3P
<http://www.qsl.net/wd3p/>

Date: Sun, 13 Jan 2002 18:00:55 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117548] FS K1, KFL1-2
Message-ID: <000d01c19c96\$ebfb7fc0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K1 with 40/20m KFL1-2 \$380 Shipped & insured CONUS.

Options included with the K1 are:

- KNB1 noise blanker
- KAT1 Ant Tuner
- KBT1 Internal Battery Adapter

All assembled and working FB by previous owner. I have made only two small modifications to this radio:

- (1) R11 on the RF board was lowered to 51 ohms to maximize TX performance. The radio is capable of 6+ watts on both 20 and

40m.

- (2) Install a 100k ohm resistor across the tuning knob to improves dial linearity from tun to turn.

(I acquired this rig is some recent horse trading, sometimes you gotta take the cart to get the horse ;-)

Pictures at: <http://www.qsl.net/n0rc/k1-754.html>

At buyers request I will add any or all of the following mods at no charge:

- o Fast AGC mod, change one capacitor from 2.2uF to 1uF
- o grill cloth over speaker, gives rig a more finished look
- o felt under tuning knob, reduces frequency jumps if knob is bumped
- o QSK mod for high QRM situations, details at:
http://www.elecrafter.com/Apps/K1_qsk_app_note.htm
- o KNB1 RX noise mode, details at:
http://www.elecrafter.com/Apps/K1_alerts/k1_builder_alert_4.htm

KFL1-2 for 40/20m, \$25 shipped & insured CONUS

I upgraded to a KFL1-4 and this is excess to my needs.

Buy it with the K1 above for only \$20 and convert it to other bands.

If you would like me to convert this module to other bands for you, contact me to work out the details.

73, Rod N0RC
Ft Collins, CO

Date: Sun, 13 Jan 2002 20:32:15 EST

From: MertNellis@aol.com
To: qrp-1@lehigh.edu
Subject: [117549] FOX W0UFO Log corrections #1
Message-ID: <b7.19ed9651.29738f1f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

FOX Log for W0UFO corrections #1
Hunt 23 1-11-02 UTC

TIME	CALL	RST	ST	NAME	PWR
0200	K3IU	559	RI	KEN	5W
0202	K0EVZ	589	ND	DOC	5W
0203	WA9TZE	559	WI	JIM	5W
0204	NK9G	559	WI	RICK	5W
0205	K4XR	559	AL	CRAIG	5W
0206	WA8WV	559	WV	DAVE	500MW
0207	K4MF	559	FL	GARY	5W
0208	KV4EE	559	SC	CRAIG	5W
0209	KB9YIG	559	IN	TONY	5W
0210	W9HL	559	IL	RANDY	5W
0211	W8RU	599	MI	RON	5W
0212	W9XU	559	WI	LON	5W
0213	VE6KG	559	AB	NORM	5W
0214	WE9K	559	WI	GLENN	5W
0215	N0AR	559	MN	SCOTT	5W
0215	N4ROA	559	VA	DAN	5W
0216	K3PH	559	PA	BOB	5W
0217	K0PC	599	MN	PAT	5W
0218	W4BQP	579	NC	JIM	5W
0219	N0HRL	559	MN	KEN	5W
0220	VE5RC	559	SK	BRUCE	5W
0221	N1FN	559	CO	ET	5W
0222	KK5LD	559	TX	DAN	5W
0223	W5YR	559	TX	GEORGE	5W
0225	VA6RF	559	AB	EARL	5W
0226	N9NE	559	WI	TODD	100MW
0226	KC1FB	559	CT	JIM	5W
0227	K5DI	559	NM	KARL	5W
0228	W8VJW	559	MI	JOHN	5W
0229	AC5JH	559	OK	TOM	5W
0230	K4FB	559	FL	PAUL	5W
0231	KS4V	559	KY	BRUCE	5W
0232	WA9CWX	579	WI	FRANK	150W
0233	K9IS	559	WI	STEVE	5W

0235	K5JHP	559	TX	BILL	5W
0235	N9WW	559	IL	JIM	5W
0237	W9NXC	569	GA	GENE	100W
0238	W8SFF	559	MI	STEVE	5W
0239	K5DW	559	TX	DON	5W
0240	N2WW	559	CO	LARRY	5W
0241	AA50	559	LA	VERN	5W
0241	WD4MSM	599	IN	BARRY	5W
0242	K8LH	579	MI	MIKE	5W
0243	W0RSP	579	SD	ADE	3W
0244	N9AW	559	WE	JERRY	5W
0246	AF4PS	559	FL	MAC	5W
0249	N1TP	559	FL	TOM	5W
0250	AG0T	559	ND	TODD	4W
0251	W0CH	559	MO	DAVE	5W
0252	WV9N	559	OH	RANDY	5W
0252	WD6BWZ	559	GA	MATT	5W
0253	W7ILW	559	AZ	WALT	5W
0254	VE4WI	559	MB	CRAIG	5W
0256	W0PWE	599	IA	JERRY	5W
0257	K20QA	599	NJ	ED	100W
0258	K9IUA	559	IA	KEVIN	5W
0259	K4GT	559	GA	JIM	5W
0300	K8CV	559	MI	WALT	5W
0300	KR5C	559	TX	GEORGE	5W
0301	K9DC	559	IN	DAVE	5W
0302	N0TU	559	CO	STEVE	5W
0303	K4TJD	599	GA	TOM	5W
0304	K4ADI	559	SC	FRANK	5W
0305	KD5KXF	559	TX	MIKE	5W
0306	VE6EX	559	AB	DAN	5W
0307	AB0CD	559	CO	DICK	5W
0308	KC0GXX	559	NE	TOM	3W
0309	KV2X	559	NY	TOM	5W
0310	W5TB	559	TX	DOC	5W
0311	W5USJ	559	TX	CHUCK	5W
0312	AF4LQ	559	KY	MIKE	5W
0313	K5ZTY	559	TX	BILL	5W
0314	NV4V	559	KY	PETE	5W
0315	N0RC	559	CO	ROD	5W
0316	W2XN	559	FL	FRED	5W
0317	KI0II	559	CO	RON	1W
0318	KQ5U	559	TX	TERRY	5W
0319	KB7WW	559	OR	ART	5W
0319	KJ0C	559	MO	JIM	5W
0320	K6VNX	559	CA	ARLEN	5W
0321	K50I	559	OK	TIM	5W
0323	AA7XA	559	OR	FRANK	5W

0324	K4BYF	559	FL	JACK	5W
0325	K8MIA	559	WV	JIM	5W
0326	N9IJ	559	IL	LEN	5W
0328	N3ZPQ	559	OH	FRANK	4W
0329	WA8BXN	559	OH	MIKE	5W
0330	NX8C	559	MI	NIEL	5W
0331	W7CQR	559	OR	DAN	5W
0332	K4JPN	579	GA	STEVE	3W
0334	WB8WTU	559	OH	DENNIS	2W
0335	KG4LDY	559	VA	JIM	5W
0336	N0UR	559	MN	JIM	5W
0336	K5EOA	559	LA	WAYNE	5W
0337	N4MAP	559	GA	SAM	5W
0338	K8KFJ	559	WV	GARY	5W
0339	N5GJQ	579	LA	MIKE	5W
0340	WR50	559	TX	DAVE	5W
0341	AD2A	579	NJ	DAVID	5W
0342	NQ7X	559	AZ	FLOYD	5W
0343	N0TK	559	CO	DAN	1W
0345	WE6W	559	CA	ED	4W
0346	KG4CHX	559	NC	TIM	5W
0348	K7EL	559	OR	DAVE	5W
0349	KG6CYN	559	CA	TREV	5W
0350	NU8S	559	OH	DENNIS	5W
0351	VE3FAL	559	ON	FRED	5W
0353	K7TQ	559	ID	RANDY	5W
0354	N5YFC	559	LA	WAYNE	5W
0355	KE6RS	559	CA	RON	5W
0356	KB9LGJ	559	CA	TIM	5W
0400	N6WG	FOX			
0400	W0UFO	FOX			

Date: Sun, 13 Jan 2002 18:16:36 -0800
 From: Phil Wheeler <w7ox@earthlink.net>
 To: Rod N0RC <rod@n0rc.com>
 Cc: Elecraft-list <elecraft@mailman.qth.net>,
 Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [117550] Re: [Elecraft] FS K1, KFL1-2
 Message-ID: <3C423F84.B901AA26@earthlink.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Rod N0RC wrote:

>
> (I acquired this rig is some recent horse trading, sometimes you
> gotta take the cart to get the horse ;-)
>

If this was the cart, what was the horse, Rod?

73, Phil

Date: Mon, 14 Jan 2002 02:28:42 GMT
From: wo7t@juno.com
To: qrp-1@Lehigh.edu
Subject: [117551] 65A Gell Cell SALE
Message-ID: <20020113.182849.1306.96457@wm1.wlv.juno.com>

I know nothing about the seller, and I repeatedly pondered the purchase of this 50lb beast for a mere \$50. Advertised as new, never used.

A nice battery of that size would be perfect to run the mobile QRP rig off of, while staying separate of the autos 12V system.

Maybe some of you closer to Virginia will find it a deal. The UPS to Arizona is almost again as much, even though it's probably still a good buy!!

Take a look here:

<http://www.buck.com/yuasa.html>

72,
Mark

GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
<http://dl.www.juno.com/get/web/>.

Date: Sun, 13 Jan 2002 21:48:27 -0500
From: "Dale Holloway" <dale@k4eq.com>

To: <qrp-1@lehigh.edu>
Subject: [117552] Re: Mindspring/Earthlink users
Message-ID: <000301c19ca5\$f3372960\$235a85ce@daleholl>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm using it on Earthlink and it does a great job of filtering the spam. If you're concerned about something like this getting filtered, it's no problem because all you have to do is check the Spaminator every few days and save the messages you want to keep. You simply delete the rest. So far I haven't found anything there I've wanted to keep.

Dale, K4EQ

Date: Sun, 13 Jan 2002 21:56:42 -0500 (EST)
From: <igeq100@iupui.edu>
To: Bruce Rattray <rattray@gpfn.sk.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117553] Re: WM-2
Message-ID: <Pine.GS0.3.96.1020113215231.557F-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Bruce -

I did just what you are proposing for my WM-2. I set the dropping resistor to the LED for about 5 mA, and I installed it in the center of the front panel, about even with the tops of the knobs. Based on my previous battery usage (with my forgetfulness), it has extended my battery life by about 5 times.

If the mod is done neatly it looks like it was designed to be there.

72,

Rich, WB9LPU

On Sat, 12 Jan 2002, Bruce Rattray wrote:

>
> *****
>
> I have tried to look for this info but nothing so far so I need help

> please...can anyone point me in the right direction so I can obtain
 > the information on how to install a Power ON led in the WM-2...I'm tired
 > of replacing batteries so often when I forget to turn it off...maybe it's
 > just a case of adding a hole in the front panel, put an led + resistor in
 > there connected to the +12 vdc line?...thank you...
 >
 > .72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
 > A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
 > - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
 > - Zone Alarm + AVG Virus Protection -
 > "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
 > *****
 >
 >

 Date: 13 Jan 2002 22:02:09 EST
 From: Michael Goins <mgoins@usa.net>
 To: qrp-l@lehigh.edu
 Subject: [117554] Thanks - Harbor Freight punch
 Message-ID: <20020114030209.4578.qmail@umdv008.cms.usa.net>
 Mime-Version: 1.0
 Content-Type: text/plain; charset=US-ASCII
 Content-Transfer-Encoding: quoted-printable

thanks to all who responded. Looks like they make two - an american stand=
 ard
 and a metric (and this is the metric one). Appreciate all the commentary.=

mike
 wb5yjx
 1 watt all the time

 Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

 Date: Sun, 13 Jan 2002 21:22:32 -0600
 From: "K5XU, Mike Duke" <k5xu@netdoor.com>
 To: <qrp-l@lehigh.edu>
 Subject: [117555] MFJ Switching PS for FT-817
 Message-ID: <00c201c19caa\$c4370cc0\$18d194d0@k5xu>
 MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone tried this little power supply? Is it truly noise free? I'm considering using one to replace a large wall wart.

Mike Duke, K5XU, President
American Council of Blind Radio Amateurs

Date: Sun, 13 Jan 2002 21:34:15 -0600
From: Ted Kell <tedkell@ev1.net>
To: rattray@gpfn.sk.ca,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117556] Re: WM-2
Message-ID: <20020113213457.SM00138@default>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In QST, November 2001 on page 60-61, there is a circuit for "A Battery-Saving Timer Circuit." When I saw it, I thought it would be ideal for this purpose, as I too have used up a bunch of batteries with that circuit.

N3Ted

1/12/02 10:34:47 PM, Bruce Rattray <rattray@gpfn.sk.ca> wrote:

>
>*****
>
>I have tried to look for this info but nothing so far so I need help
>please...can anyone point me in the right direction so I can obtain
>the information on how to install a Power ON led in the WM-2...I'm tired
>of replacing batteries so often when I forget to turn it off...maybe it's
>just a case of adding a hole in the front panel, put an led + resistor in
>there connected to the +12 vdc line?...thank you...
>
>.72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
>A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -

> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> - Zone Alarm + AVG Virus Protection -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>*****
>
>
>

Date: Sun, 13 Jan 2002 22:36:21 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [117557] NAQP final score
Message-ID: <000f01c19cac\$a2927620\$0e714342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all !!!!!

Final score was 25 QSOs X 16 multipliers =
400 points I'm happy with it since I was only tinkering with 100 mw
and didnt expect to work many !!!!

Many thanks to all who could hear me and were patient enough to work me
!!!!!!!

73s

George , N2JNZ / QRPP
Pres.
Northern New York Contest Club

Date: Sun, 13 Jan 2002 20:00:43 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: elecraft@mailman.qth.net
Cc: qrp-l@Lehigh.EDU
Subject: [117558] FS: Unbuilt Elecraft KFL1-4 MODULE
Message-ID: <F129MBpXh8GirLPthjM0001a8ad@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

If anyone is interested, I have a new KFL1-4 four band module... unbuilt & for sale: \$100 and I'll pay the shipping inside the USA.

73 John K7FD

MSN Photos is the easiest way to share and print your photos:
<http://photos.msn.com/support/worldwide.aspx>

Date: Mon, 14 Jan 2002 05:43:55 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [117559] Re: MFJ33' telescoping mast?
Message-ID: <3C42620B.A710919D@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Steve,

> Anyone recently purchase the MFJ 33' telescoping fiberglass mast? How does
> it compare with the DK9SQ 33' mast? Just wondering if there's \$20 difference
> in quality? Steve/n0tu

See at the MFJ mast in the catalog and then please read in the elecraft
mailing list archive at

<http://www.qth.net/archive/elecraft/200108/20010823.html#29>

with a note from Bill N8ET. After that you will know where comes the \$20
difference.

--
72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de www.qsl.net/dk3red www.t-online.de/~dk3red
DL-QRP-AG #824 (German QRP Activity Group) www.dl-qrp-ag.de

Date: Sun, 13 Jan 2002 23:07:20 -0600

From: "George, W5YR" <w5yr@att.net>
To: wo7t@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117560] Re: 65A Gell Cell SALE
Message-ID: <3C426788.6655D717@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not to put down the seller, but as a point of reference you can get a 105 amp-hour Die Hard RV deep-cycle battery at Sears for under \$60. Not what you would carry on a back-packing trip, but great as a second vehicular battery. I use two in parallel in my motorhome as the "house battery" and they last and last.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

wo7t@juno.com wrote:

>
> I know nothing about the seller, and I repeatedly pondered the purchase of this 50lb beast for a mere \$50. Advertised as new, never used.
>
> A nice battery of that size would be perfect to run the mobile QRP rig off of, while staying separate of the autos 12V system.
>
> Maybe some of you closer to Virginia will find it a deal. The UPS to Arizona is almost again as much, even though it's probably still a good buy!!
>
> Take a look here:
>
> <http://www.buck.com/yuasa.html>
>

Date: Sun, 13 Jan 2002 22:02:08 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: elecrafft@mailman.qth.net
Cc: qrp-1@Lehigh.EDU
Subject: [117561] SOLD: KFL1-4

Message-ID: <F668TrBHxvZ9aZ1i6bd0001a90c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Elecraft 4 band module sold...thanks.

73 John K7FD

Join the world s largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Mon, 14 Jan 2002 08:45:24 GMT
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@Lehigh.EDU
Subject: [117562] Re: MFJ33' telescoping mast
Message-ID: <GPX1K400.YTK@mail.usd.edu>

Hi all:

Ingo DK3RED's link to Bill Kelsey's comparison of the MFJ 33' mast4 vs the imported unit sold by Kanga is a level, non-biased evaluation. I find several strengths of the imported version vs the MFJ.

One weakness of the MFJ which will make a BIG difference if the application is a vertical wire strung up the mast is not apparent. It is the "shiny black coating" which is probably similar to the Black Widow and the SD20 (grey).

Doc. Megacycle clued me into the fact that the shiny black coating probably contains some carbon. I asked for the simple reason that measurements showed that a 16.7 radiator on the Blk Widow and SD20 did NOT resonate as expected around 14.05KHz. I could resonant the radiator over 20 radials without the pole to j0, but once the pole was brought within 6-inches of the radiator, the resonant frequency dropped to around 13.4mHz. In other words, if you have either pole and have a radiator cut for 20,17,15,12, or 10m on either pole, it is not resonant as expected.

Otherwise, if the pole is to be used to support a horizontal

antenna, its "live" electrical component won't make any difference. However, if you intend to feed that horizontal antenna with parallel line taped to the pole, then your feedline will not be the same electrical length as it would be in freespace.

One aspect I did not attempt to verify -- that the coupling into the pole causes loss. My guess is that the coating is absorptive and whatever it absorbs is not radiated.

72, Ade

Date: Mon, 14 Jan 2002 03:28:40 -0500
From: adamvaz@palm.net (Adam Vazquez)
To: aweiss@usd.edu, qrp-1@Lehigh.EDU
Subject: [117563] Re: MFJ33' telescoping mast
Message-ID: <20020114082840.1E535450E@mo110uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

aweiss@usd.edu wrote on 1/14/02 3:45 am:

>Hi all:
>
>Ingo DK3RED's link to Bill
>Kelsey's comparison of the
>MFJ
>33' mast4 vs the imported
>unit sold by Kanga is a level,
>non-biased evaluation. I find
>several strengths of the
>imported version vs the MFJ.
>
>One weakness of the MFJ
>which will make a BIG
>difference
>if the application is a vertical
>wire strung up the mast is
>not apparent. It is the "shiny
>black coating" which is
>probably similar to the Black
>Widow and the SD20 (grey).
>
>Doc. Megacycle clued me
>into the fact that the shiny

>black coating probably
>contains some carbon. I
>asked
>for the simple reason that
>measurements showed that
>a 16.7 radiator on the Blk
>Widow and SD20 did NOT
>resonate as expected
>around 14.05KHz. I could
>resonant
>the radiator over 20 radials
>without the pole to $j0$, but
>once the pole was brought
>within 6-inches of the
>radiator,
>the resonant frequency
>dropped to around 13.4mHz.
>In
>other words, if you have
>either pole and have a
>radiator
>cut for 20,17,15,12, or 10m
>on either pole, it is not
>resonant as expected.
>
>Otherwise, if the pole is to
>be used to support a
>horizontal
>antenna, its "live" electrical
>component won't make any
>difference. However, if you
>intend to feed that
>horizontal
>antenna with parallel line
>taped to the pole, then your
>feedline will not be the same
>electrical length as it would
>be in freespace.
>
>One aspect I did not attempt
>to verify -- that the coupling
>into the pole causes loss. My
>guess is that the coating
>is absorptive and whatever it
>absorbs is not radiated.
>
>72, Ade

Date: Mon, 14 Jan 2002 07:08:18 -0500
From: Tim O'Rourke <TORourke@KaiserFT.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [117564] Re: Epiphyte 3 saga continues
Message-ID: <0514B74864ACD511934400508BBB5E3401E212@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

If you need short range field communications, IE camping or search and rescue where you do not want to lug around large batteries., then you should complete the Epiphyte. I have finished 3 to date and use them with great success on camping trips where we get spread out. An alternative would be the White Mountain 80 but I believe the output is somewhat less. I have had excellant reports from a 400 mile radius when opering from house and dipole. QRN is a big factor in summer months. In field we use a NVI simple antenna, straight up and back down over short range. The only way we have had success in mountains. 72 Tim O'Rourke KG4CHX

Date: Mon, 14 Jan 2002 06:05:19 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "K5XU, Mike Duke" <k5xu@netdoor.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117565] Re: MFJ Switching PS for FT-817
Message-ID: <Pine.LNX.4.33.0201140603390.1588-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The MFJ 20 Amp switcher is very quiet and works great. But I can't say a thing about the smaller one. But at least they know how to make it quiet.

On Sun, 13 Jan 2002, K5XU, Mike Duke wrote:

> Has anyone tried this little power supply? Is it truly noise free? I'm
> considering using one to replace a large
> wall wart.
>
>
>
> Mike Duke, K5XU, President
> American Council of Blind Radio Amateurs
>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Mon, 14 Jan 2002 06:27:52 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Adrian Weiss <aweiss@usd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117566] Re: MFJ33' telescoping mast
Message-ID: <Pine.LNX.4.33.0201140618310.2072-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All of this guessing and wondering is silly. I use the old Radio Shack 10 foot antenna mast. I have 2 of them making a 20 foot mast. They are made of steel and are a fair conductor. The mast is heald in place on the rear bumper of my Airstream and a RS bracket holds it up from the side of the trailer.

I run a rope through a pulley at the top and pull up the 80 meter center fed zepp antenna with that. It works just fine and never thought a thing about what the mast does to the pattern or efficiency.

The thing to find out is whether the MFJ mast is strong enough to hold up my antenna in a big mountain rain and wind storm. I don't think so...

On Mon, 14 Jan 2002, Adrian Weiss wrote:

> Hi all:

>

> Ingo DK3RED's link to Bill Kelsey's comparison of the MFJ
> 33' mast4 vs the imported unit sold by Kanga is a level,
> non-biased evaluation. I find several strengths of the
> imported version vs the MFJ.

>

> One weakness of the MFJ which will make a BIG difference
> if the application is a vertical wire strung up the mast is
> not apparent. It is the "shiny black coating" which is

> probably similar to the Black Widow and the SD20 (grey).
> the radiator over 20 radials without the pole to j0, but
> once the pole was brought within 6-inches of the radiator,
> the resonant frequency dropped to around 13.4mHz. In
> other words, if you have either pole and have a radiator
> cut for 20,17,15,12, or 10m on either pole, it is not
> resonant as expected.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Mon, 14 Jan 2002 08:33:43 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <k5xu@netdoor.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117567] Re: MFJ Switching PS for FT-817
Message-ID: <000701c19d00\$16257940\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got it and like it a lot. Nothing heard from it so far :)

73

"Seab" Lyon - AA1MY
Bethel, ME 04217 USA
FN44nj aa1my@arrl.net

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "K5XU, Mike Duke" <k5xu@netdoor.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 13, 2002 10:22 PM
Subject: MFJ Switching PS for FT-817

> Has anyone tried this little power supply? Is it truly noise free? I'm

> considering using one to replace a large
> wall wart.
>
>
>
> Mike Duke, K5XU, President
> American Council of Blind Radio Amateurs
>

Date: Mon, 14 Jan 2002 08:36:58 -0500
From: k8ff@juno.com
To: qrp-l@lehigh.edu
Subject: [117568] Re: Te-Ne-Key or Paddlette?
Message-ID: <20020114.083712.-674325.0.k8ff@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have tried both of the aforementioned paddles on numerous occasions and suggest that you look at the PALM paddle from Germany. I have been very favorably impressed with the PALM...Great feel...precision construction and excellent engineering. Check it out! Available from Morse Express or Palm Radio direct.

73, Wayne K8FF

On Sun, 13 Jan 2002 18:18:10 -0500 "Steve Lawrence"
<Steve.Lawrence@ITWFEG.COM> writes:
> I'm interested in comments from those that have tried BOTH of these
> compact, portable paddles.
>
> Which did you like? Why?
>
> TIA & 73,
> Steve
>

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<http://dl.www.juno.com/get/web/>.

Date: Mon, 14 Jan 2002 09:14:54 -0500
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117569] Got A Chuckle Out of This
Message-ID: <002c01c19d05\$d6bd1dc0\$0f316618@yec.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Was going through some archives on a radio circuit I was looking up when I came upon this very old post...
Seems like things don't change much ;-) Note the date....

>Date: Fri, 28 Nov 1997 13:49:48 -1000
>From: MNHopkins@aol.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: QRPers discover Frank Jones

>Over on QRP-L, the 2,000 member white noise generator that also does QRP,
>someone has actually built a regenerative detector single IF superhet -- a
>Frank Jones Super Gainer. Cannot say who might have catalized that, but
felt
>it my duty to say they were on ground where many had tred before -- less
they
>think the things came from Kyoto or Dolly Parton Parkway.

Love that "white noise generator that also does QRP..."

Should become the official motto of this list. HI!

Though this past week the list has become quite tame and technical.

Tom Curtola
VA3TY

Date: Mon, 14 Jan 2002 09:42:55 -0400
From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etcса.сu>
To: <qrp-1@LeHigh.edu>
Subject: [117570] RE: Need info about integrated circuits
Message-ID: <002701c19d01\$63dde860\$02000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Hi all !

Just got a few each of the following
integrated circuits and can't find the
data about them.

They are marked like this:

CNY17-1

IS203

H1L1

ICM7555

LF411

LF398N

LM1458

Will appreciate information about them both electrical and the pin outs.

Maybe some will be useful for the
upcoming QRP projects !!!

73 and DX

Arnie

C02KK

Date: Mon, 14 Jan 2002 10:02:34 -0500 (EST)

From: wb0wao@hotmail.com (Dennis Ponsness)

To: inforhc@ip.etecca.cu

Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)

Subject: [117571] RE: Need info about integrated circuits

Message-ID: <3598-3C42F30A-128@storefull-2152.public.lawson.webtv.net>

Content-Disposition: Inline

Content-Type: Text/Plain; Charset=US-ASCII

Content-Transfer-Encoding: 7Bit

MIME-Version: 1.0 (WebTV)

Arnie-

I checked my National Semiconductor Data book and found these..

LF411 - JFET Input Op Amp

LF398N - Monolithic Sample-and-Hold Circuit

LM1458 - Dual Op Amp

Data sheets should be available at www.national.com. They will be in
PDF format, so if for some reason you can't get them off the net, send
me an email and I will send you the specific specs.

Dennis - WB0WAO

Date: Mon, 14 Jan 2002 08:19:06 -0700
From: Vince Kumagai <vkumaga@qwest.com>
To: qrp-1@lehigh.EDU
Subject: [117572] Last request for Colorado QRP Club Snowshoe logs - Please submit
Message-ID: <3C42F6EA.5CB8CAEB@qwest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

LAST CALL FOR CQC SS LOGS -

If you were a participant in the Colorado QRP Club SnowShoeContest and have submitted your log - THANKS.

If you have not submitted your log - time is running out. Logs can be sent to contest@cqc.org. We will be doing the final tally and reporting the results in the CQC "Low Down" and on the the CQC web site (<http://www.cqc.org>).

"No log too small"

Thanks & 73
Vince Kumagai
KI0RB - CQC Contest Coordinator

Date: Mon, 14 Jan 2002 17:43:05 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [117573] alive
Message-ID: <NFBBKLDHALEHCJMAJPKFOEBFCJAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Haven't received anything from the list today - is it alive?
Tracy N4LGH

Date: Mon, 14 Jan 2002 17:54:22 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <ATRAIL@yahoogroups.com>,
". Eastern PA QRP Club" <EPA-QRP@yahoogroups.com>,
Subject: [117574] Last Call Sale .. QRP Contest Calendar for 2002
Message-ID: <00a301c19d4e\$6885e5a0\$038798ce@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron... THANKS! got mine and like it a lot. good to have the whole year in one place for planning porpoises.

=====
> The Eastern PA QRP Club is selling the 3rd Annual QRP Contest Calendar for
> 2002. This color picture calendar has an Appalachian Trail theme.
>
> The calendar will list all QRP contests and contests with QRP categories.
> It will be a fold out style that you can hang on your wall next to your rig.
> There is Web site and Contest Manager listings.
>
> The calendar is being mailed out now. The cost will be \$13.50 for US and
> \$15.50 for DX. This will include the shipping cost.
>
> We still have a few copies remaining.
>
> For more information please check www.n3epa.org .
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> n3epa@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> <http://www.n3epa.org>
>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@fast.net

Date: Mon, 14 Jan 2002 19:07:14 -0500

From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [117575] Can you say "Out of touch"? Sure you can.
Message-ID: <20020114.191722.-157425.4.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I just got issue #109 of SPRAT to day in the mail. Lot of neat ideas in there. Only not enough time to burn up that many parts. But there was one thing that caught my eye . . .

The NJQRP "Islander" Pad Cutter (pg 10-11) look like the just-in-time thing for my ongoing amplifier project.

See, I was trying to figure a way to put the output filters together. I've got the relay & parts all figured out & even cut up enough chonks of single-sided board to do the job three times. Including 6m. But I was looking at spending about an hour a piece with a Dremel tool & one of their cuttin' bits to make the places on the circuit board where the current ain't supposed to flow.

Then I get this issue of SPRAT & discover that the answer's probably been sittin' on the web for weeks, just waitin' for my "postponed" brain to catch on!

See, I told you I need intervention!

So now to the NJQRP club page to figure out how I can get three of these puppies. (One to break, one to burn up & the other one to lose in this clutter-haven.)

And maybe I otter take my QRP-L account off of "postpone" and put it on that other thing I can't think the name of right now but it comes in titles & you can go and look at stuff that way if it interests you or something. Synopsis or bladdenflabiqlarluk-ji or something. You know what I mean.

Now, what was I gonna do

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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Date: Mon, 14 Jan 2002 12:00:10 -0700

From: Ron KU7Y <mswmod@bigplanet.com>

To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [117576] Re: NAQP 2002 QRP

Message-ID: <000401c19d4d\$2331e680\$dbc0a9d8@oemcomputer>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7bit

Hi All,

I happened to open DX4WIN Saturday evening and thought I'd hook the computer to the FT-100 to see if their interface routine worked right.

The rig was on 10m and the screwdriver was also tuned there. The rig and computer were not talking..... but soon I found the com port setting and changed it to 1. Bingo, it looked like they were now talking.

I put 7040 in the freq window and hit return. Wow, the radio was now on 7040 and what did I hear but N4BP calling CQ in the NAQP. I moved up a bit to a somewhat clear frequency, cut the power out to 2 watts and tuned the antenna. Went back down, found Bob still running stations so I zeroed in on him, gave him a call and back he came. I had to repeat my exchange and couldn't understand why. Then I remembered that I was still set at 2 watts!

Changed that back to 100w. (The NAQP is the one test that I always ran 100w in just to be able to run some rate). Next I heard K5RC in NV. This is the station where my FT-1000MP is residing so I had to work him. Then I heard another friend there in NV, N7TR. So I worked him. I wound up working about 5 stations is all but I'll copy them into TR Log and send it in. It never hurts to send in a log. If you don't want to format it into the "proper" form you can always just send a ASCII version to whoever is managing the contest with a note telling him that it's just a check log and they can always use it if needed.

But you do NOT cause anyone to loose any points if you don't send in a log.

There is one contest where that isn't true..... you can only get points for people who send in a log but I can't remember which one that is. It's NOT one of the major contests.

Later....

Ron, KU7Y
ku7y@qsl.net
Full Time RVing somewhere in the West
Currently in Brenda, AZ.

Date: Tue, 15 Jan 2002 16:30:00 -0600
From: "Mike Malone" <mmalone@worldlogon.com>
To: <k2jq@bestweb.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117577] Re: question - harbor freight punch?
Message-ID: <00dc01c19e14\$2caaa540\$d1f6a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This version is available in some of the stores. The local Dallas Harbor Freight store has a bunch on the shelf... I just picked one up earlier this month for 19.95 plus tax.

-----Original Message-----

From: Richard Brummer, K2JQ <k2jq@bestweb.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, January 13, 2002 8:59 AM
Subject: Re: question - harbor freight punch?

>The standard version is Item # 37405, but is indicated as either
>discontinued, or not currently available at Harbor Freight.

>

>73,

>Dick K2JQ

>-----Original Message-----

>From: Jim Kortge, K8IQY <jokortge@prodigy.net>
>To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Date: Sunday, January 13, 2002 9:27 AM
>Subject: Re: question - harbor freight punch?

>

>

>>At 08:58 PM 1/12/02 -0500, you wrote:

>>
>>>Looking for a hand punch, and was wondering if the ITEM 44060-1VGA from
>Harbor
>>>Freight is the one a lot of you guys are using (the number is different
>from
>>>that recommended by N2CX). If not, where can I find one? Need it for
>making
>>>circuit board circles and for punching holes in altoids boxes.
>>>
>>>Any help would be appreciated.
>>>
>>>mike
>>>wb5yjx
>>>1 watt all the time
>>
>>Mike,
>>
>>That's the correct punch, only with metric sizes. Won't make any
>>difference for Manhattan-style construction, but might be a bit
>>off for punching holes for controls, but probably not. I think
>>this version is better built than the one that I have with the
>>English sized dies.
>>
>>72,
>>
>>Jim, K8IQY
>
>
>

Date: Mon, 14 Jan 2002 16:41:22 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>, ". NJ QRP-L" <njqrp@njqrp.org>
Subject: [117578] Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
Message-ID: <003701c19d44\$366043e0\$2d3c5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Eastern PA QRP Club is selling the 3rd Annual QRP Contest Calendar for 2002. This color picture calendar has an Appalachian Trail theme.

The calendar will list all QRP contests and contests with QRP categories. It will be a fold out style that you can hang on your wall next to your rig.

There is Web site and Contest Manager listings.

The calendar is being mailed out now. The cost will be \$13.50 for US and \$15.50 for DX. This will include the shipping cost.

We still have a few copies remaining.

For more information please check www.n3epa.org .

72 & 73
Good DXing

Ron Polityka
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
<http://www.n3epa.org>

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

Date: Mon, 14 Jan 2002 16:29:57 EST
From: n5ib@juno.com
To: qrp-1@lehigh.edu
Subject: [117579] FT-243 crystals - seeking
Message-ID: <20020114.152325.4639.0.n5ib@juno.com>

W5DPM, Wes, octogenarian and tube afficianado extraordinaire just presented me with the gift of a 6F6 transmitter and a 3525 kHz crystal to go with it. I suspect that while Wes has lots of tubes, he may be short on 80 meter crystals and I'd like to make him a reciprocal gift.

So I'd like to buy or trade for an FT-243 crystal for somewhere in the lower part of 80 meters to replace the one he gave. I do have a few FT-243's as possible trading stock, though not at popular frequencies: 7070, 7074, 7076, 6450, 8400, 5660, 8500, 4397.5, 5782.5, 13100, 16573

Let me know what you may be willing to part with, and in what manner

BTW Wes also brought me his TT2 to add to our observatory exhibit.

72

Jim N5IB

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Date: Mon, 14 Jan 2002 16:03:15 -0500

From: Richard Dell <rxld7@pop.cwru.edu>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [117580] Re:Test-delete

Message-ID: <a05010403b868f7d5d734@[129.22.180.190]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Test

Date: Mon, 14 Jan 2002 19:27:32 -0800 (PST)

From: N1EU <n1eu@yahoo.com>

To: qrp-l@Lehigh.EDU

Subject: [117581] CW Lives

Message-ID: <20020115032732.67910.qmail@web14607.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I was standing in a coworkers cubical today, when out of the blue I distinctly heard the letter "C" beep out in morse code before he reached out to switch off his Nokia cell phone. I asked him to turn it back on and he obliged. A couple of minutes later, out beeps "CONNECTING PEOPLE" in perfect 10WPM morse code from the freakin' phone. Huh? He said it beeps like that every time he gets an email - he's got some kind of AT&T messaging service.

Well, the 3 guys standing were taken aback that I knew morse code, but I still can't figure out what AT&T is doing sending morse code out of people's cell phones. Talk about an ironical mix of technologies. I'm still scratching my head.

73,
Barry N1EU

Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
<http://promo.yahoo.com/videomail/>

Date: Mon, 14 Jan 2002 15:30:14 -0500
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-1@lehigh.edu, neqrp@jona1.ne
Subject: [117582] New England QRP SSB NET Tuesday at 8:30PM EST 3.930+/-5Khz
Message-ID: <OF1B3559DD.8DA891C5-0N85256B41.00704450@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Attempt at holding the NEQRP SSB NET at later time and different
frequency 8:30PM on 3.930 plus/minus 5Khz.

All are invited to join in.

Ron - N1ZSW

Date: Mon, 14 Jan 2002 14:04:39 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <dave@redhotradio.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117583] Re: Conjugate Matching
Message-ID: <1020014140333.0AA27635@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/11/02 1:23 PM, Dave Fifield at dave@redhotradio.com wrote:

>That model doesn't work for me Ron.
>
>Let's take it to its extreme. Let's say that the match is
>very poor indeed and only 10W of the power gets
>out of the antenna on the first cycle. That leaves us
>with 90W bouncing back and forth between the TX
>and the antenna. According to the model, it doesn't
>matter, because the other 90W will make it out of the

>antenna eventually so I shouldn't be concerned about
>my bad match.

That's exactly correct.

>As Click and Clack would say....."Bo-o-o-gus!"

Not at all. Ron's problem involved lossless components. Because there's no loss, we don't have to be worried about the match. Any power delivered to the system MUST be radiated, because we can't otherwise get rid of it any other way (no loss).

>Match affects the amount of power delivered to the
>load (antenna in this case). A poor match results in
>power being lost in the system, i.e. that power does
>NOT get dissipated in the load, it ends up as wasted
>heat somewhere else. It's really as simple as that.

Not true. If you have a lossless tuner, lossless feedline and lossless antenna, there's no place for power to be dissipated.

>Good match = more power delivered to the load =
>better signals on the air.

You can have a great match and have lots of loss. A dummy load is a great match, but is very lossy.

You can put resistors across your feedline and have a great match, but you'll be weaker on the air.

No, that should be:

Low Loss == More power delivered to the load == better signals on the air.

The key isn't the match, but the loss.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 14 Jan 2002 14:01:19 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <mswmod@bigplanet.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117584] Re: Conjugate Matching
Message-ID: <1020014140014.0AA27086@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/11/02 12:46 AM, Ron KU7Y at mswmod@bigplanet.com wrote:

>But..... is it right? And is that really what is meant by the term Conjugate
>Match?

>

>Remember now folks, I'm trying to paint a little picture of what my mind
>thinks is going on. Please read this with that in mind.

>

>Lets say you have a black box that puts out 100 watts of RF at 7 mHz. You
>have

>a dipole and are feeding it with 50 ohm coax. You also have a very good
>antenna

>tuner between the black box RF generator and the feedline. Lets also give
>the

>antenna a feed point impedance of something like 300 ohms.

>

>One last thing to assume for the time being.... NO LOSS. We'll add that in
>later.

Lossless feedline. Lossless antenna. Lossless tuner. Gotcha.

>The first cycle of power puts 100 watts of power down the feed line. When it
>gets to the antenna lets say that there is 10 watts that gets reflected back
>because of the mismatch (remember it's a 50 ohm feedline connected to a
>300 ohm
>antenna). This leaves 90 watts to go "out" the antenna.

You need to follow the thinking further....

>I realize that these numbers may not "add up" and that there would really be
>more or less power to be reflected with this antenna/feed line combination
>but
>for now lets just keep this 10 to 1 ratio.

Right.

>That 10w comes back to the antenna tuner.

And what happens to it? Well, gosh, since you have a conjugate match and
no loss, that 10 watts goes back up the feedline to the antenna.

> Now the second cycle of RF arrives

>from the black box generator. The 100w from the generator and the 10w
>that just
>got reflected back now head out the feedline going to the antenna.

Ok, they aren't necessarily in phase (nor do they have to be), but keep in mind that 110 watts is now going out to the antenna.

> Once
>again
>there is 10w reflected back. This leaves 100w to go "out" the antenna.

No, there's 11w reflected back. 10% of the 100 watts, plus the 10 that was reflected the first time.

And it leaves 99w going out the antenna.

>So starting with the second cycle we are still getting 100w "out" the
>antenna.

99 w.

>The fact that there is also 10w bouncing back and forth along the feed line
>doesn't much matter.

11 w.

>The point that was being made was that SWR wasn't something to get too
>excited
>about nor was some reflected power. In the end most of it would wind up
>going
>"out" the antenna anyway.

Right, provided you have a conjugate match and very low loss, this is true.

>In the real world you must also look at the losses you will have and the
>possibility of damage to parts in some cases.

Damage?

>My questions are:
>
>Is the above model right?

Well, you had some of the math wrong, but you're basically correct. What happens is that the reflected power keeps getting bounced down the line (in the third cycle, 111w would go out, and 11.1w would come back), until it reaches a steady state. At that point, 100 w is being radiated by the

antenna.

Now, at the point you key up, you still have to radiate the power that's bouncing around. So, when you key up, you've got 0 watts out, and 11.1* watts from reflection. That goes to the antenna, and 10% is reflected, so you've got 1.1* watts, that goes to the antenna, and 10% is reflected, so you've got 0.1* watts, etc, etc.

Except all this reflection happens much faster than you can think about it. Electricity travels 200-300 million meters in a second (depending on the velocity factor of the wire). Even if you had 100 meters (300+ feet) of feedline, the reflections go out and back in a microsecond. Your transmitter probably doesn't key up or down in a millisecond, so the sloshing of the reflections back and forth happens a thousand times faster than your transmitter.

>In a typical (now there's a good term!) situation with 10 to 1 ratio of
>power to
>reflected power what kind of losses will there be, in watts, not dBs?

In your lossless situation describe above? 0 watts. Since there is no loss in the feedline, tuner or antenna, every watt that is generated MUST be radiated.

With real materials? It depends on the losses. It's pretty easy to make an efficient tuner, so it's loss is probably less than a fraction of a watt. Antennas like full-sized dipoles are pretty efficient, too. What isn't resistive losses are usually ground losses. That leaves the feedline.

Unfortunately, the feedline can be the lossiest part of the whole deal. In your example, with a 10% reflection, it basically makes the feedline 11% longer than it is, since some of the power has to make multiple trips before being radiated.

10% reflection is, what 2:1 SWR? That's a pretty good match, and even using coax won't be too bad.

>What would the reflected power really be in the about 300 ohm antenna fed
>with
>50 ohm coax. Use whatever value of reactance that might be found in a real
>antenna.

Oh, gosh, 300 ohm to 50 ohm is a 6:1 SWR. That's going to be a lot of reflection. Like around 50%. I don't have the equations in front of me to figure it out exactly.

>OK, back in my hole..... for awhile anyway!

Troublemaker....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Mon, 14 Jan 2002 18:28:33 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: inforhc@ip.etcusa.cu, qrp-1@lehigh.edu
Subject: [117585] RE: Need info about integrated circuits
Message-ID: <F1653TbhyF2fPmsSVhG00022323@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etcusa.cu>
>Reply-To: inforhc@ip.etcusa.cu
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: RE: Need info about integrated circuits
>Date: Mon, 14 Jan 2002 09:42:55 -0400
>
>Hi all !
>Just got a few each of the following
>integrated circuits and can't find the
>data about them.
>They are marked like this:
>CNY17-1
>IS203
>H1L1
>ICM7555 Intersil/Harris CMOS 555 timer (same pinout as 555)
>LF411 Nat. Semi. opamp
>LF398N Nat. Semi. chip of some sort
>LM1458 Nat. Semi opamp

Data should be on the respective web sites.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Mon, 14 Jan 2002 12:20:40 -0600
From: "George, W5YR" <w5yr@att.net>
To: "qrp-l@Lehigh.edu" <qrp-l@lehigh.edu>
Subject: [117586] [Fwd: Re: Conjugate Matching (now very long!)]
Message-ID: <3C432178.1F22782D@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Following is the note I sent to Ron in response to further questions on some aspects of transmission line operation.

Since the first posting I made on this topic was sent to the reflector as well as to Ron, and since I have gotten several encouraging and complimentary notes about it, I am taking the liberty of forwarding this additional material so that others may read it if they wish. If not, one DEL stroke solves that problem . . .

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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Ron KU7Y wrote:

>
> Wheeeee!!!!
>
> This is getting to be fun plus I'm learning a LOT. Part of this learning
> process is learning how to state my questions so they can be understood! :-)

That is where it all starts: knowing what you don't know and how to ask about it.

>
> In using the term Conjugate Match I was doing this..... I read the "paper" which
> had that term in the title and what I came away "understand" was that the

> reflected power added to the forward power on the next cycle and made it to the
> antenna, minus what amount was lost to all those things that eat up our RF.
>
> So maybe the term was meant to explain why this can happen or under just what
> conditions it can happen under.

Yes, Ron, the term "conjugate match" describes a condition within a network or system of networks. It is a cause and not an effect. If the tuner presents to the feedline the exact conjugate (same resistance and opposite reactance) of the impedance the feedline sees at the antenna, then that condition "causes" the reflected wave to appear to encounter an impedance discontinuity with the property that its reflection coefficient ρ is 1.0. Thus, the reflected wave is, in theory, totally reflected at that point and returns to the antenna/feedline junction, etc. where it again encounters a mismatch with whatever ρ at the antenna and a portion of the forward power is again reflected, etc.

Thus, it can be said that a conjugate match exists at all network junctions in the system. Completely true in the absence of any loss whatever, and close enough to truth with reasonable real-world losses in the system.

>
> Also, Larson's main business was VHF/UHF antennas used in commercial
> installations so I don't think there was any antenna tuner used in his paper.

No, in the VHF and UHF worlds, you want to minimize feedline loss as well as tuner loss. So, the solution is to eliminate the tuner by designing the transmitter to match 50-ohm coax with an SWR near to 1:1, and to do all matching of the antenna to the line at the antenna end. That same approach works at HF but can be a lot more trouble. The tuner in the shack with low-loss feedline is a lot more convenient and flexible. And at HF we change frequency and bands a lot which the usual mobile UHF station does not.

>
> I will not be around the computer tomorrow as we are going to spend the day with
> the kids and grand kids in Phoenix. But I will be thinking about the great
> posts this has generated so far.

>
> As a totally separate question let me ask this.....

>
> If I have a forward power of 10w and a reflected power of 1w, 100' of RG-8, a
> 300 ohm antenna with no reactance, how much of my 10w will be given up to loss
> and how much will wind up being radiated?

Ron, I gave you all the "theory" you need to work that problem and even included an example that is very close! <:}

>
> Or maybe even a better way to see what I'm trying to see is to compare the above

> situation with one where you have a forward power of 10w and a reflected power
 > of 0w and show the difference in radiated power.
 >
 > In other words, just how much power will do we really lose when we have some
 > mismatch?
 >
 > And please remember that I get confused when showing power in watts on one end
 > of the question and dB on the other end. Lets wind up with the answer in watts
 > because I'll just bet that I'm not the only one who gets confused that way!
 >
 > Yes, yes, I "know" that if I double my power I will gain 3 dB. But I still get
 > confused when I really try to convert dB to power.

The problem is that db cannot be converted to "power."

>
 > Here's an example of my confusion..... lets look at this from George:
 >
 > > for only 0.11 db additional loss which is totally negligible
 >
 > So, how much power, in watts, is this? I really don't understand how to get

OK, fair question. But first, recall this: something expressed in decibels is a power RATIO not an absolute value. There is no such thing as saying that 1.4 db = 17 watts. Again decibels cannot be equated to a power value - only a power ratio value.

That 1.4 db = 17 watts *could* be true but by itself is a nonsense statement. In talking about decibels, we always are describing a power ratio so for the decibel value to have any meaning, we must always pin down one of the two values in the ratio to an absolute number. Then, knowing that, we can use the db value to find the absolute value of the other number in terms of the ratio.

Rather than work out the problem you gave above, which is almost identical to the one I illustrated before, let's just take the answer I got there (I'm getting lazy) and see what it could mean.

We found that the total loss in 100 ft of RG-213 with a 1.92:1 SWR at the load at 7 MHz was about 0.67 db. That means that the power out at the antenna P_a is 0.67 db less than the power into the feedline P_i .

Now, grit your teeth - here comes an equation:

$$db = 10 \times \log(P_i/P_a)$$

I put the ratio as P_i/P_a since we know that the input power is larger than the output power so the ratio is more than one which agrees with our power difference in db being a positive number. Positive decibels means that the

ratio is larger than one, while negative decibels means that the ratio is less than one. Easier to work with positive decibels, and both really give the same answer if interpreted properly.

Now, in the equation we know "db" but all that tells us indirectly is the ratio of P_i to P_a . No watts available here so far. We have to assign a value to one or the other of the power numbers. Let's say that we have 100 watts going into the line and solve to see how much appears at the antenna after the line loss gets in its licks.

A little algebra gives

$$P_i/P_a = 10^{(db/10)}$$

so

$$P_a = P_i/[10^{(db/10)}]$$

Now stick in the numbers and reach for the calculator:

$$P_a = 100/[10^{(0.67/10)}] = 100/1.1668 = 85.7 \text{ watts}$$

So, that total line loss of 0.67 db results in 14.3 watts of power being dissipated in the line loss, mostly all of it at 7 MHz in the conductor resistances as I^2R loss.

Using the same analysis, we can find that if the line had been matched at 50 ohms, instead of $1.92 \times 50 = 96$ ohms or $50/1.92 = 26$ ohms (either value gives $SWR = 1.92$), its loss is given in the "Book" as 0.56 db. From the method above, the power reaching the antenna would have been 87.9 watts or a line loss of 12.1 watts.

So the *additional* loss caused by the approximate 2:1 mismatch is only

$$87.9 - 85.7 = 2.2 \text{ watts}$$

which is only 2.2% of the input power.

These numbers make very clear why we should not get all excited about a coax line with a 2:1 SWR! In the real world any line will have loss even under perfect matching conditions. Even under reasonable amounts of mismatching, the loss is still usually very acceptable compared with the cost and effort of improving the match at the antenna to reduce the SWR.

In this particular case, Ron, the 0.11 db of added "mismatch loss" costs us only 2.2 watts out of 100. If the input had been 1000 watts, it would have been 22 watts. And in the QRP world, 5 watts into the line would have produced 4.285 watts at the antenna with $SWR = 1.92:1$ for a total line loss

of 0.72 watts! With perfect matching, the power reaching the antenna is 4.4 watts for a loss of only 0.6 watts. The added loss due to the mismatch is $4.4 - 4.285 = 0.115$ or 115 milliwatts!

AS the books say, I'll leave it as an exercise for the reader to explore the results of other line loss factors and SWR's, etc. I have given all the equations that are required to work about any aspect of this problem, so have at it!

> OK, again, thanks to all for all the work and I'll get back in my hole....

Hope this sheds a little more light, Ron.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Date: Mon, 14 Jan 2002 12:42:47 -0500
From: "Brian" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>
Subject: [117587] Team W8PIG on FYBO
Message-ID: <001701c19d22\$e1ea6b90\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Looks like the formation of Team W8PIG is now complete, we have a place, we have an antenna, and we have a K1 just waiting for Ground Hog Day to get here.

Team W8PIG will be operating from Mounds Recreational Area, on the east side of Brookville Reservoir in Brookville Indiana. We will be at an elevation of about 1000 feet. For this part of Indiana/Ohio that's way up there.

So far W8DIZ, WB6JBM, and your truly have volunteered to man the W8PIG station.

We are looking for other Flying Pigs to join us in person or on the air.

72 de KB9BVN

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

Date: Mon, 14 Jan 2002 11:28:54 -0600
From: "George, W5YR" <w5yr@att.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [117588] Posting Test
Message-ID: <3C431556.A5428B36@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The unusual absence of QRP-L list postings makes me wonder if the list is down or what? Is anyone else experiencing this lack of activity?

--

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Date: Mon, 14 Jan 2002 09:16:57 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [117589] 28 NorCal Cap Kits Left
Message-ID: <001301c19d1f\$4a1f5940\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There are 28 NorCal Cap kits left as of this morning. I have sent confirmations to all who have ordered. Thanks for your support. In case you missed the original announcement here it is again. Apologies to those for whom this is a repeat.

Guys, due to many, many requests, we have decided to do another run of the NorCal Cap kits. Here is what you will get in the kit: 20 of each of the following values, all NPO disc ceramic except for the .01 and .1 which are Mono Caps.

1, 2.2, 4.7, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820, 1000 pF, and .01 & .1 uF. That is a total of 600 caps.

The price? \$30 plus \$4 shipping and handling. How do you order? Send a message to me, Doug Hendricks with NorCal Cap Kit Order in the subject line. I will send you a confirmation message, and then you will need to send a check or money order for \$34 to:

NorCal Cap Kit
Jim Cates
3241 Eastwood Rd.
Sacramento, CA 95821

Please make all checks and money orders to Jim Cates, not NorCal. Also, please enclose a self addressed mailing label to expedite your order. You may order multiple kits, but please include shipping and handling for each kit as they are boxed separately. We have ordered enough caps to make 200 sets, and the caps are due to be shipped to us on Jan. 20th. When I get them, I will put them in sets and we should be able to ship by the end of the month.

Now is the time to restock or stock the junkbox for those homebrew projects. These work great for Manhattan style construction projects. Thanks for your support. 72, Doug

Date: Mon, 14 Jan 2002 10:07:43 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: QRP Reflector <qrp-1@lehigh.edu>
Subject: [117590] QRP NVIS
Message-ID: <95509081DF6CD411B2C700D0B784801202566B4A@mohawk.luke.af.mil>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Good article on using QRP in an NVIS mode. 65 Miles daytime on 80m QRP.
The site: <http://www.scn.org/IP/nwqrp/archives/aug97/nwqaug06.htm>.

72,
Mike, N4VBV in Phoenix

Date: Mon, 14 Jan 2002 12:00:20 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <inforhc@ip.etc.ca>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117591] Re: Need info about integrated circuits
Message-ID: <005601c19d1c\$f32296e0\$c791fea9@wishfullko46s4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Use www.google.com search engine and punch those numbers in. It comes up with what your looking for.

<http://www.fairchildsemi.com/pf/CN/CNY17-1.html>

<http://www.isocomoptocouplers.com/isocom/is203.htm>

http://dbserv.maxim-ic.com/an_prodline2.cfm?prodline=33

ETC.

The internet has all this info. Just use a search engine.

Regards,
Robert,
VE3RPF

----- Original Message -----

From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etc.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 14, 2002 8:42 AM
Subject: RE: Need info about integrated circuits

> Hi all !
> Just got a few each of the following
> integrated circuits and can't find the
> data about them.
> They are marked like this:

> CNY17-1
> IS203
> H1L1
> ICM7555
> LF411
> LF398N
> LM1458
> Will appreciate information about them both electrical and the pin outs.
> Maybe some will be useful for the
> upcoming QRP projects !!!
> 73 and DX
> Arnie
> C02KK
>

Date: Mon, 14 Jan 2002 08:18:28 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <n1eu@yahoo.com>
Cc: "Sales@Amidoncorp. Com" <sales@amidoncorp.com>
Subject: [117592] RE: Type 75 Ferrite Beads?
Message-ID: <NFBBKLDHALEHCJMAJPKFGEAKCJAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Amidon does indeed supply type 75 / J ferrite beads in many sizes. Feel free to call me directly to order those! (shameless plug) They are manufactured by Fair-Rite and several other manufacturers.

BTW. PLEASE PLEASE call me and NOT Amidon for your cores. The reason is simple - Amidon has been taking my business and not paying me my commissions. Many of you may know that I have for many years been an independent distributor of Amidon products, and I have had a great deal of trouble dealing with them.

I'm all done covering for their mistreatment of me and my customers. Several other distributors have refused to do business with them for the same reasons.

The division of Amidon that made the W2FMI transformers and the Amidon Amateur Products group has broken away from the Amidon parent company, also for the same reason. ByteMark and that former division of Amidon have merged to become CWS ByteMark, and we stock and supply all the parts you are used to getting from Amidon. Same people, just tired of getting ripped off.

Sorry for the bandwidth and sour grapes folks, but it's real and I thought you deserved to know.

Tracy Markham, N4LGH

CWS ByteMark

800 679-3184

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of N1EU

Sent: Sunday, January 13, 2002 6:07 PM

To: Low Power Amateur Radio Discussion

Subject: Type 75 Ferrite Beads?

Does anyone know of a source for ferrite beads composed of Type 75/J material, with an inside diameter .19 - .3 inches? Amidon seems to only offer type 43 and 77

Thanks for any help!

73,

Barry N1EU

Do You Yahoo!?

Send FREE video emails in Yahoo! Mail!

<http://promo.yahoo.com/videomail/>

Date: Mon, 14 Jan 2002 11:02:53 -0500

From: David Hinerman <WD8CIV@worldnet.att.net>

To: qrp-1@lehigh.edu

Subject: [117593] Re: Epiphyte 3 saga continues

Message-ID: <5.1.0.14.1.20020114110157.00a72cc0@ipostoffice.worldnet.att.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:08 AM 1/14/2002 -0500, you wrote:

>If you need short range field communications, IE camping or search and
>rescue where you do not want to lug around large batteries., then you should
>complete the Epiphyte. I have finished 3 to date and use them with great
>success on camping trips where we get spread out. An alternative would be
>the White Mountain 80 but I believe the output is somewhat less. I have had
>excellant reports from a 400 mile radius when opering from house and dipole.

>QRN is a big factor in summer months. In field we use a NVI simple antenna,
>straight up and back down over short range. The only way we have had success
>in mountains. 72 Tim O'Rourke KG4CHX

Is the Epiphyte 3 a kit, or a construction article? Is there someplace I
can get some information on it?

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Mon, 14 Jan 2002 10:49:17 -0500
From: Jake Brodsky <frussle@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117594] Re: Was: ADE mixers, Now: driving mixers
Message-ID: <kfs54uo19a8kr7noit20ttv2480b171ot4@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Fri, 11 Jan 2002 09:10:32 -0800, Roger Traylor, WB4TPW wrote:

> This brings up another point. If other ports to the mixer aren't
> terminated well, it makes finding a resonable match to the L0 port=20
> difficult.=20

AMEN! I've thought long and hard and I keep wondering if this is yet
another urban legend, or what. Given a square wave with a clean 50%
duty cycle and a source impedance of 50 ohms, I can't imagine why it
would be worse than a plain sine wave L0 drive.

I have noticed some misleading things written up on VFO design that
give me pause for thought, however. I've read that a VFO should try
to have a pure sine wave output. Along those same lines is the
business of how to minimize VHF parasitics. It seems to me that a
square wave output from a VFO buffer would be a bad thing because it
would present an uneven load to the oscillating device --which could
lead to parasitics.=20

However, the square wave issue is all about VFO design, not square
waves presented to mixers. I'm gathering parts for building several
versions of Linley Gumm's bipolar differential oscillator circuits.

It's worth noting that unlike classic JFET VFO designs, this one is designed to operate at saturation. It produces a square wave output.

I'll let y'all know how it goes...

Jake Brodsky, <mailto:frussle@erols.com>

"Nearly fifty percent of all graduates came from=20 the bottom half of the class."

Date: Mon, 14 Jan 2002 10:28:54 -0500

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

To: <qrp-l@lehigh.edu>

Subject: [117595] Mic for sale

Message-ID: <6579C6377F475547985F0B3E426E1626140343@OCCLUST01EVS1.ugd.att.com>

content-class: urn:content-classes:message

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Hi all

One Astatic (I hope that is the correct spelling) mic gray stand. I believe the mic element is a 10c, it=20 screws onto the stand.

The Amphonol connector within the stand needs to be replaced, is now bypassed.=20

Plug on cable is wired for a Ten Tec Triton IV

Asking \$10.00 plus shipping. Shouldn't be much at parcel post rates.

Please respond to my home email account at:

chartwell@att.net

Marty kd8bj

Near Columbus OH.

Date: Mon, 14 Jan 2002 10:24:11 -0500

From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>

To: <qrp-1@lehigh.edu>
Subject: [117596] Ten Tec rig for sale
Message-ID: <6579C6377F475547985F0B3E426E1626328510@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi all

I have a nice older Ten Tec transceiver for sale.=20

Triton IV transceiver 80,40,20,15, and 10 meters
CW, SSB. Built in cw filter.
Mod installed to enhance cw operation by previous=20
owner who was a traffic handler.

Matching power supply

Power can be reduced to Zero I think. I heard of=20
people bypassing the final to have a qrp rig. I expect
a switch could be put in to switch between qrp and qro
operation.

I would like to get \$250.00 plus shipping costs.

You can respond to my email address:

chartwell@att.net

Marty
kd8bj
Near Columbus Ohio.

Date: Tue, 15 Jan 2002 06:42:33 +0000
From: Garie Halstead <k8kfj@ntelos.net>
To: Barry N1EU <n1eu@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117597] Re: CW Lives
Message-ID: <3C438909.6ECA3A3@ntelos.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Monday, 14 January 2002, N1EU wrote:

> I still can't figure out what AT&T is
> doing sending morse code out of people's cell phones

Hmmm...perhaps it's not AT&T you should be looking to. :-)
Rumor has it that it's the OH2BH/Nokia connection.

Perhaps we should ask Martti.

72 //Gary *K8KFJ*

Date: Tue, 15 Jan 2002 02:02:10 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117598] CUB FOX HUNT NUMBER 12
Message-ID: <08c301c19d92\$8de585a0\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CUB FOX HUNT - NUMBER 12
January 15 (16th UTC), 2002
0200 to 0400 UTC

6pm Pacific / 7pm Mountain / 8pm Central / 9pm Eastern

KA8MAV in Indianapolis, IN will be the CUB FOX for the hunt of January 15
(16th UTC), 2001.

I will be operating around 7.050 +/- with my SW40+ w/ RIT and listening up.
My antenna will be a Hamstick on a tripod in my backyard. I'll be using a
NorCal paddle kit and maybe even a little bit of Lionel J-38 Straight Key if
I'm in the mood. Remember, I'm at just under 3 watts, so I'll be weaker
than most of the hounds. Please be nice to each other (and me) and I'll do
my best. If QRM gets too bad I may move around a little bit, but I'll stay
around 7.050. I will not listen any closer than 300Hz to my calling
frequency and no further away than 1.5KHz (the limit of my RIT... so if
you're calling me 2k up, I'll never hear you). Watch the QRP-L list for
hints on where to find me.

Please call me once, then listen for a bit to see if I am working anyone.
If I am quiet call me again but please don't send your call over and over
and over.

My exchange will be as follows:

Calling "CQ FOZ CQ FOX de KA8MAV"

responding with "{your call} 559 IN BRICE 3W {your call} BK"

you respond with "RST SPC NAME PWR BK"

I will either send "TU DE KA8MAV" and then "QRZ FOX?" or if I need fills...
I will ask name or whatever ? BK. If I really mess up I will say "AGN? BK"
and you send me the whole exchange again.

If I copy most of your callsign I will go ahead with the exchange using what
I have. For example, if you are N1TP and I copy N1T? I will send:

"N1T? 559 IN BRICE 3W N1T? BK"

If I have an incomplete call or have your call incorrect, please send your
call along with your exchange like this:

"KA8MAV DE N1TP 559 FL TOM 5W N1TP BK"

After that, I should have it and I will acknowledge it accordingly.

I will operate at 10 to 12 wpm.

Additional information about the CUB FOX hunt can be found at:
<http://www.qsl.net/k5di/fox/>

Catch me if you can...

72/73 DE KA8MAV (Brice)
Indianapolis, IN EM79au
QRPP-I #1, QRP ARCI #10972, QRP-L #2360, ARRL
KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27
AOL Instant Messenger ID: ka8mav
Yahoo! Instant Messenger ID: bdhornback
<http://www.QRPP-I.com>

Date: Thu, 10 Jan 2002 10:14:24 -0800
From: "Bill Jones" <kd7s@psnw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117599] FT:PC-VFO Jr.
Message-ID: <000701c19a02\$a241adf0\$9110010a@fresno>

MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This little ISA plug-in card turns your PC into a Digital Precision Frequency Generator! It provides short circuit protected continuous frequency coverage from DC to 54 MHz in .029 Hz steps at +7dBm. I used it to build a software driven, PC controlled transceiver that won first place honors at the Pacificon homebrew contest three or four years ago.

Complete information on the board can be found at the following web site:
<http://www.bytemark.com/waveguide/pcvfo.htm>

I am interested in trading for a night vision scope but would certainly consider other things (especially QRP gear) as well.

=====
Bill Jones - <><
Sanger, California
=====

Date: Tue, 15 Jan 2002 03:13:38 -0500
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117600] Re: Posting Test
Message-ID: <5.0.2.1.0.20020115030632.00b3ba90@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:28 AM 1/14/2002 -0600, George, W5YR wrote:
>The unusual absence of QRP-L list postings makes me wonder if the list is
>down or what? Is anyone else experiencing this lack of activity?

Yes but when it gets slow I always figure that they are tracking an asteroid or something that puts QRP-L on the back burner.:-)
73 Pete NV4V

Date: Tue, 15 Jan 2002 02:44:18 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117601] Re: CUB FOX HUNT NUMBER 12

Message-ID: <08f701c19d98\$70e61040\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ooops... typo...

I'll be calling "CQ FOX CQ FOX DE KA8MAV".

I also double checked my RIT and you better stay within 1.4KHz of my calling frequency.

Also, my Yahoo! Messenger ID is ka8mav and along with email, I will have both AIM and Yahoo! Messenger running so if you simply can't find me or I'm way off frequency (it's been know to happen) send me a message.

72/73 DE KA8MAV (Brice)
Indianapolis, IN EM79au
QRPP-I #1, QRP ARCI #10972, QRP-L #2360, ARRL
KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27
AOL Instant Messenger ID: ka8mav
Yahoo! Instant Messenger ID: ka8mav
<http://www.QRPP-I.com>

----- Original Message -----

From: "Brice D. Hornback" <bdh@cyberbound.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, January 15, 2002 2:02 AM
Subject: CUB FOX HUNT NUMBER 12

> CUB FOX HUNT - NUMBER 12
> January 15 (16th UTC), 2002
> 0200 to 0400 UTC
>
> 6pm Pacific / 7pm Mountain / 8pm Central / 9pm Eastern
>
> KA8MAV in Indianapolis, IN will be the CUB FOX for the hunt of January 15
> (16th UTC), 2001.
>
> I will be operating around 7.050 +/- with my SW40+ w/ RIT and listening
up.
> My antenna will be a Hamstick on a tripod in my backyard. I'll be using a
> NorCal paddle kit and maybe even a little bit of Lionel J-38 Straight Key
if
> I'm in the mood. Remember, I'm at just under 3 watts, so I'll be weaker

> than most of the hounds. Please be nice to each other (and me) and I'll do
> my best. If QRM gets too bad I may move around a little bit, but I'll stay
> around 7.050. I will not listen any closer than 300Hz to my calling
> frequency and no further away than 1.5KHz (the limit of my RIT... so if
> you're calling me 2k up, I'll never hear you). Watch the QRP-L list for
> hints on where to find me.
>
> Please call me once, then listen for a bit to see if I am working anyone.
> If I am quiet call me again but please don't send your call over and over
> and over.
>
> My exchange will be as follows:
>
> Calling "CQ FOZ CQ FOX de KA8MAV"
>
> responding with "{your call} 559 IN BRICE 3W {your call} BK"
>
> you respond with "RST SPC NAME PWR BK"
>
> I will either send "TU DE KA8MAV" and then "QRZ FOX?" or if I need
fills...
> I will ask name or whatever ? BK. If I really mess up I will say "AGN?
BK"
> and you send me the whole exchange again.
>
> If I copy most of your callsign I will go ahead with the exchange using
what
> I have. For example, if you are N1TP and I copy N1T? I will send:
>
> "N1T? 559 IN BRICE 3W N1T? BK"
>
> If I have an incomplete call or have your call incorrect, please send your
> call along with your exchange like this:
>
> "KA8MAV DE N1TP 559 FL TOM 5W N1TP BK"
>
> After that, I should have it and I will acknowledge it accordingly.
>
> I will operate at 10 to 12 wpm.
>
> Additional information about the CUB FOX hunt can be found at:
> <http://www.qsl.net/k5di/fox/>
>
> Catch me if you can...
>
> 72/73 DE KA8MAV (Brice)

> Indianapolis, IN EM79au
> QRPp-I #1, QRP ARCI #10972, QRP-L #2360, ARRL
> KLQRP, FPQRP -156, ARS #1,138, NETXQRP #27
> AOL Instant Messenger ID: ka8mav
> Yahoo! Instant Messenger ID: bdhornback
> <http://www.QRPp-I.com>
>
>

Date: Tue, 15 Jan 2002 03:26:42 -0500
From: adamvaz@palm.net (Adam Vazquez)
To: n1eu@yahoo.com, qrp-l@Lehigh.EDU
Subject: [117602] Re: CW Lives
Message-ID: <20020115082642.DFCB34508@mo130uhou.palm.net>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CW comes out of quite a few pagers and cellphones. I was at a meeting at a Linux group and one phone (the smallest Nokia) did a CQ.Nice touch.

I have been trying to program my Ericcson 289 internet phone to do that but no avail. Just songs.

n1eu@yahoo.com wrote on 1/14/02 10:27 pm:

>I was standing in a coworkers
>cubical today, when out
>of the blue I distinctly heard
>the letter "C" beep out
>in morse code before he
>reached out to switch off his
>Nokia cell phone. I asked him
>to turn it back on and
>he obliged. A couple of
>minutes later, out beeps
>"CONNECTING PEOPLE" in
>perfect 10WPM morse code
>from
>the freakin' phone. Huh? He
>said it beeps like that
>every time he gets an email
>- he's got some kind of
>AT&T messaging service.

>
>Well, the 3 guys standing
>were taken aback that I knew
>morse code, but I still can't
>figure out what AT&T is
>doing sending morse code
>out of people's cell phones.
>Talk about an ironical mix of
>technologies. I'm still
>scratching my head.

>
>73,
>Barry N1EU

>
>-----
>-----
>Do You Yahoo!?
>Send FREE video emails in
>Yahoo! Mail!
>[http://promo.yahoo.com/vi](http://promo.yahoo.com/videomail/)
>deomail/

Date: Tue, 15 Jan 2002 08:27:15 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: fpqrp-l@mpna.com, qrp-l@Lehigh.EDU
Subject: [117603] Re: Posting Test
Message-ID: <F30yseVwrbLZz02H67y00021d1e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Pete wrote:

>Yes but when it gets slow I always figure that they are tracking an
>asteroid or something
>that puts QRP-L on the back burner.:-)

OUCH... I had one of them once! Man it was PAINFUL!

72 es oo

Dennis - WB0WAO

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Tue, 15 Jan 2002 03:47:57 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Jim W4JBM <w4jbm@MailAndNews.com>
Cc: QRPP-I Group <QRPP-I@yahogroups.com>
Subject: [117604] Re: [QRPP-I] RE: Elmer 001 - Hint for Removing Parts
Message-ID: <20020115034016.J30866-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is another Version of that tip..

I have used a Dremel Tool with Reinforced Cutting Wheel to Cut The Chip Pins about half-way up leaving short legs on the chip.

Have your cake and eat it too. :^}

More or less same procedure on cleaning up pcb, but the Chip can Now be

Flipped on it's Back and Used Ugly Duckling Style. (Manhattan if you like).

I have not tried the NJ Islander Pad Cutter, But I am sure it will work fine on reusing the old chip.

I used the Cutting Wheel Technique on lots of old Circuit boards.

In some cases it was preferable to cut the pcb to "SALVAGE" special chips at the expense of the pcb. In some cases a whole section of pcb was cut to make it into a "MODULE" for a project.

I guess this is partly the other side of the coin situation.

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

On Mon, 14 Jan 2002, Jim W4JBM wrote:

> >I got an 8 pin dip socket from Radio Shack and put it in my Pixie for the
> >IC. I have never had an IC fail but I expect it would be a beast to
> >unsolder without special tools.
>
> If you do have to pull out an IC, I'll pass on a way to make it a bit more
> expensive (it destroys the IC) but a lot easier. More details are on my hints
> page at:
>
> <http://www.qsl.net/w4jbm/hints.html>
>
> I use a small set of side cutters ("dikes") and just cut the pins (near the
> body of the chip). Then I heat up each pin individually and pull it with
> forceps (or needle-nose pliers). Then I'll either use a desolder station or
> (if I don't have one) stick a toothpick through the hold while melting the
> solder.
>
> You do destroy the chip doing this, but the chip usually only costs a buck or
> two (and things like the 386 you can run to RadioShack for). I don't know
> about everyone else, but I've lifted my share of traces off circuit boards
> trying to desolder a component.
>
> I use this same method to remove resistors or capacitors. Once the lead is
> cut, it's easy to pull free.
>
> 73,
> Jim W4JBM
>
>
> ----- Yahoo! Groups Sponsor ----->
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> CLICK HERE to search
> 600,000 scholarships!
> <http://us.click.yahoo.com/vf6MrB/4m7CAA/ySSFAA/ELTo1B/TM>
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>
> To unsubscribe from this group, send an email to:
> QRPP-I-unsubscribe@yahoo.com
>
> Check out what's new at the
> QRPP International Web site:

> <http://www.QRPp-I.com>
>
>
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

Date: Tue, 15 Jan 2002 04:05:43 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: "Brice D. Hornback" <bdh@cyberbound.net>
Cc: QRPp-I Group <QRPp-I@yahoogroups.com>,
Jim W4JBM <w4jbm@MailAndNews.com>
Subject: [117605] Re: [QRPp-I] RE: Elmer 001 - Hint for Removing Parts
Message-ID: <20020115034956.N30866-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just reading your reply and was reminded of another tip.

I mentioned leaving half of the chip leg when cutting one out of the circuit. Aside from using that chip FLIPPED OVER SMD Style, you can also install new LEGS on it.

One method is to Use a piece of wood which has holes accurately drilled in it as a holding jig. Use .1" Hole Spacing Perf Board as a drilling guide in making the Jig.

I then add those SCRAP Component Leads (From R's & C's) into the holes, place the Chip in position, and solder the leads to the legs.

Then Reuse the Chip in a Machined Socket. Or install it in the pcb.

OBTW It is possible to remove Dip Sockets and Headers from a PCB.

I don't have a HEAT GUN, but I would consider trying that.

I have used the Propane Torch Parts Reclamation Procedure on lots of Computer printed circuit boards.

Absolutely MUST BE DONE OUTDOORS! I set up a drop Cloth to catch the parts. Also have long nose pliers and/or vise grips (Needle Nose Version) handy as Dip Pullers. The trick is to heat a small section and work

QUICKLY. In some cases it is handy to have a block of wood on your canvas parts catching mat. This is used to Rap the Circuit Board against to coax the bits to leave the board.

OH the fun of Re-Cycling. :^}

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
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Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Tue, 15 Jan 2002 06:02:40 EST
From: N9DD@aol.com
To: QRP-L@lehigh.edu
Subject: [117606] Connecting People Cell Phone Message
Message-ID: <148.7d616e9.29756650@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang

"Connecting People" is Nokia's motto. The CW message is one of the ringing options on their phones. The fact that Nokia's founder is a ham may have something to do with it :-).

72,

Tom Frisz N9DD

South Bend, IN

Date: Tue, 15 Jan 2002 07:44:30 EST
From: AC5JH@aol.com
To: qrp-1@lehigh.edu
Subject: [117607] FS: TenTec Century 21
Message-ID: <8e.21560e11.29757e2e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy,

Time to make some space in the wireless room. I am offering my Ten Tec Century 21 for sale. It is a great rig in excilent condition and includes manual. The price is \$220.00 and that includes shiping, anywhere in the lower 48.

Thanks and 72

Tom AC5JH

Date: Tue, 15 Jan 2002 08:11:09 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [117608] Re: CW Lives
Message-ID: <5.1.0.14.1.20020115080721.00a5bea0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 07:27 PM 1/14/2002 -0800, you wrote:

>Well, the 3 guys standing were taken aback that I knew
>morse code, but I still can't figure out what AT&T is
>doing sending morse code out of people's cell phones.
>Talk about an ironical mix of technologies. I'm still
>scratching my head.

Barry,

I can't speak for AT&T and whoever designed that phone, but there are a lot of hams working in that industry (I used to be one) who would take a product requirement like "beep when a message is received" and make it beep

something intelligible. Sort of like an "easter egg" hidden in a computer program.

Or maybe it was a debugging feature they forgot to take out of the phone software before they shipped it.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 15 Jan 2002 06:27:55 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@mailman.qth.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117609] Re: [Elecraft] FS K1, KFL1-2
Message-ID: <004701c19dc8\$71150eb0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

These items have sold, thanks all for your interest.

73, Rod N0RC
Ft Collins, CO

----- Original Message -----
From: "Rod N0RC" <rod@n0rc.com>
To: "Elecraft-list" <elecraft@mailman.qth.net>; "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 13, 2002 6:00 PM
Subject: [Elecraft] FS K1, KFL1-2

> K1 with 40/20m KFL1-2 \$380 Shipped & insured CONUS.

>

> ...

>

>

> KFL1-2 for 40/20m, \$25 shipped & insured CONUS

>

...

Date: Tue, 15 Jan 2002 09:02:35 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [117610] # 89 confirmed ...ZD8Z ...700 mw !!
Message-ID: <000701c19dcd\$491edb20\$0e714342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!!!!

Got ZD8Z in the mail yesterday for # 89 confirmed !!!! ...700 mw during the
ARRL 10 METER TESTgetting closer :)

73s

George , N2JNZ / QRPP

Date: Tue, 15 Jan 2002 09:16:09 -0500
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-1@lehigh.edu>
Subject: [117611] FW: Mic for sale
Message-ID: <6579C6377F475547985F0B3E426E1626140347@0CCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The mic is spoken for.

Thanks all

Marty kd8bj

> -----Original Message-----
> From: Hartwell, Martin E, ALINF =20
> Sent: Monday, January 14, 2002 10:29 AM

> To: 'qrp-1@Lehigh.edu'
> Subject: Mic for sale
>=20
>=20
> Hi all
>=20
> One Astatic (I hope that is the correct spelling) mic
> gray stand. I believe the mic element is a 10c, it=20
> screws onto the stand.
> The Amphonol connector within the stand needs to
> be replaced, is now bypassed.=20
> Plug on cable is wired for a Ten Tec Triton IV
>=20
> Asking \$10.00 plus shipping. Shouldn't be much
> at parcel post rates.
>=20
> Please respond to my home email account at:
>=20
> chartwell@att.net
>=20
> Marty kd8bj
>=20
> Near Columbus OH.

Date: Tue, 15 Jan 2002 07:21:18 -0700
From: "Conant, Paul" <paul.conant@lmco.com>
To: "'qrp-1@Lehigh.edu'" <qrp-1@Lehigh.edu>
Subject: [117612] test (please delete)
Message-ID: <675067CF647BD4118DEA00508BE32AB407965C7C@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Date: Tue, 15 Jan 2002 09:44:34 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-1@lehigh.edu
Subject: [117613] Dayton is coming
Message-ID: <5.1.0.14.2.20020115091709.0310fb40@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dayton is coming Dayton is coming
May 15 through May 19, 2002
FDIM is May 16
The Hamvention is May 17 - 19
Full details at <http://www.hamvention.org/>
QRP details coming on <http://www.qrparci.org>

As far as the QRP-ARCI block of rooms
About 45% of the previous attendees have responded
About 12 emails have bounced and about 10 have declined

The list will remain open for previous attendees until Jan 31
Feb 1 it will be open for anyone who wants to stay at the
Ramada Inn Dayton Mall.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

Date: Tue, 15 Jan 2002 09:05:13 -0600 (CST)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Subject: [117614] No QRP-L Digest came my way yesterday
Message-ID: <200201151505.g0FF5Et31308@okcforum.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I didn't get my usual copy of the QRP-L digest yesterday evening.
It usually arrives around 6:00 - 7:00 PM. I've seen others
mention similar problems on other QRP-related lists. If anyone
reading this has some idea what's up, I'd appreciate an update.

73,
Jim WB5UDE

Date: Mon, 14 Jan 2002 21:51:16 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>

To: <tracy@bytemark.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117615] Re: alive
Message-ID: <008201c19d88\$a6af3d60\$75a1b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was wondering the same thing. The last message I got before Tracy's asking about QRP-L was marked at 7:21 AM from Vince Kumagai. Did a bunch of messages get lost or was this just the quietest day in QRP-L history?

72/73's

Trev

KG6CYN

----- Original Message -----

From: Tracy Markham <tracy@bytemark.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, January 14, 2002 2:43 PM
Subject: alive

> Haven't received anything from the list today - is it alive?
> Tracy N4LGH
>
>
>

Date: Tue, 15 Jan 2002 07:28:16 -0800 (PST)
From: N1EU <n1eu@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117616] Re: No QRP-L Digest came my way yesterday
Message-ID: <20020115152816.25545.qmail@web14608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ditto, and the archive has been down for a few days
;-)

73,

Barry N1EU

--- Jim Glover <psykey@okcforum.org> wrote:
> I didn't get my usual copy of the QRP-L digest

> yesterday evening.
> It usually arrives around 6:00 - 7:00 PM. I've seen
> others
> mention similar problems on other QRP-related lists.
> If anyone
> reading this has some idea what's up, I'd appreciate
> an update.
>
> 73,
> Jim WB5UDE

Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
<http://promo.yahoo.com/videomail/>

Date: Tue, 15 Jan 2002 09:35:25 -0600
From: "Ham" <KD5NWA@mbayona.com>
To: <qrp-l@Lehigh.EDU>, <w5yr@att.net>
Subject: [117617] Re: Posting Test
Message-ID: <006c01c19dda\$410543e0\$373d010a@a000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I didn't get anything either, I tried going to QRP-L site, and it was down also.

Cecil Bayona
KD5NWA

----- Original Message -----
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 14, 2002 11:28 AM
Subject: Posting Test

> The unusual absence of QRP-L list postings makes me wonder if the list is
> down or what? Is anyone else experiencing this lack of activity?
>
> --
> 72/73/oo, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
> All outgoing email virus-checked by Norton Anti-Virus 2002
>

Date: Tue, 15 Jan 2002 10:35:47 -0500
From: "John Dorson" <jdorson@Worldshare.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [117618] FS: QRP+
Message-ID: <000f01c19dda\$54ef8820\$05659c40@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QRP+ For Sale

All Band Operation 160M thru 10M
General coverage receiver 1.8 to 29.7
20 Memories
Split operations
High performance SCAF digital filters
 Var. from 100HZ to 2400HZ
SSB and full break-in CW
Built in Iambic keyer

Asking \$300.00 Plus shipping in USA

Reason for selling - too many QRP radios.

John K2JHU...
jdorson@worldshare.net

Date: Tue, 15 Jan 2002 11:18:49 -0500
From: "Kwik, Ed " <ed.kwik@delphiauto.com>
To: "QRP-L (E-mail)" <qrp-l@lehigh.edu>
Subject: [117619] Michigan QRP Net
Message-ID:
<9F176F70FD71AC48AFC36F879D2B84E38F3638@tryexch01.NorthAmerica.DelphiAuto.net>
content-class: urn:content-classes:message

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It is Tuesday so it is net time again. The Michigan QRP Net meets each Tuesday night on 3.535 MHz at 9:00 PM Eastern time. All hams are welcome. NCS is AB8DF. Last week we had an all Michigan net. No out of state check ins.

Ed

Date: Tue, 15 Jan 2002 18:33:13 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [117620] MFJ-259
Message-ID: <3C4467D9.1095228B@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello QRPers,

My MFJ HF/VHF SWR analyzer is ill. ;o(I can measure still the frequency, however no more SWR. The frequency on the display is solid 0.0000MHz. Does someone have a schematic for the analyzer or can point me the right direction?

Thanks.

--
72/73 de Ingo, DK3RED (Don't forget: the fun is the power !)
dk3red@t-online.de www.qsl.net/dk3red www.t-online.de/~dk3red
DL-QRP-AG #824 (German QRP Activity Group) www.dl-qrp-ag.de

Date: Tue, 15 Jan 2002 13:22:13 -0500
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [117621] FS: OHR WM-1
Message-ID: <125490A005E3D3118C9C00805FC743CC0217B864@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Oak Hills Research WM-1 QRP wattmeter (was a kit, but I built it). Works FB. Asking \$50. Some scratches in the paint on the bottom (I forgot to place it on a protective surface while sanding the paint on the inside...).

Can be picked up at ARRL HQ if you happen to be in the area, or I can ship it for another \$5 or so.

72, Michael Tracy, KC1SX

Date: Tue, 15 Jan 2002 10:30:33 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>
Cc: "Marshall ET Emm N1FN" <mgemm@mtechnologies.com>
Subject: [117622] FOX: "Final" version of N6WG Fox Log
Message-ID: <MABBJOEABOILMKCJCLFCIEBNDAAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No further corrections received for my last run,
so this will be my "final" log sent in to the
record keepers. thanks again to all who came out
to play.

73, Bob N6WG

0201	WR50	559	TX	DAVE	5W
0202	K0FRP	579	CO	AL	5W
0203	AA7XA	559	OR	FRANK	5W
0204	W4NJK	559	CA	CHARLIE	5W
0205	VE6EX	559	AB	DAN	5W
0206	NK6A	559	CA	DON	5W
0207	WE6W	599	CA	ED	4W
0208	N1FN	559	CO	ET	5W
0208	K6VNX	599	CA	ARLEN	5W
0209	KB7WW	559	OR	ART	5W
0210	K0EVZ	559	ND	DOC	5W
0213	KB9LGJ	559	CA	TIM	5W
0214	K5DI	559	NM	KARL	5W
0215	W3CD	599	CA	BOB	5W
0216	W7ILW	559	AZ	WALT	5W
0219	W8RU	559	MI	RON	5W
0220	VE6KG	559	AB	NORM	5W
0221	AK1P	579	CA	PAUL	5W
0229	N4ROA	559	VA	DAN	5W

0230	AD6JV	559	CA	BILL	5W	
0231	W5YR	559	TX	GEORGE	5W	
0232	N9NE	559	WI	TODD	5W	
0233	N0AR	559	MN	SCOTT	5W	
0234	VA6RF	559	AB	EARL	5W	
0235	N0RC	559	CO	ROD	5W	
0236	KC0ATC	339	CO	CHRIS	3W	
0238	N0TU	559	CO	STEVE	5W	
0240	KG6CYN	599	CA	TREV	5W	
0241	N7DMA	559	AZ	KARL	5W	
0243	N2WW	559	CO	LARRY	5W	
0244	KN6YD	599	CA	JEFF	5W	
0245	AC5JH	559	OK	TOM	5W	
0247	AC6JA	599	CA	MIKE	5W	
0248	K4GT	559	GA	JIM	5W	
0249	WA8WV	559	WV	DAVE	5W	
0250	N9AW	559	WI	JERRY	5W	
0250	W0RSP	559	SD	ADE	3W	
0252	K5JHP	559	TX	BILL	5W	
0253	K4XR	559	AL	CRAIG	5W	
0254	K3PH	559	PA	BOB	5W	
0255	AA50	559	LA	VERN	5W	
0256	W0CH	559	MO	DAVE	5W	
0256	KE6RS	559	CA	RON	5W	
0257	N1TP	559	FL	TOM	5W	
0259	KB9YIG	339	IN	TONY	5W	
0302	AB0CD	559	CO	DICK	5W	
0303	K0PC	559	MN	PAT	5W	
0304	WA9TZE	339	WI	JIM	5W	
0306	KR5C	559	TX	GEORGE	5W	
0307	K9DC	559	IN	DAVE	5W	
0308	KI0II	559	CO	RON	1W	
0309	K9IS	559	WI	STEVE	5W	
0310	KK5LD	559	TX	DAN	5W	
0311	KQ5U	559	TX	TERRY	5W	
0312	W5TB	559	TX	DOC	5W	
0313	K5E0A	559	LA	WAYNE	5W	
0315	W5USJ	559	TX	CHUCK	5W	
0316	K7EL	559	OR	DAVE	5W	
0317	KD5KXF	559	TX	MIKE	5W	
0318	K4FB	449	FL	PAUL	5W	
0320	NG7Z	559	WA	PAUL	5W	
0321	AF4LQ	559	KY	MIKE	5W	
0322	K4ADI	559	SC	FRANK	5W	
0323	WV9N	559	OH	RANDY	5W	
0325	N7CQR	559	OR	DAN	5W	
0326	W9XU	559	WI	DON	5W	
0327	N0HRL	559	MN	KEN	5W	

0328	K5TZY	559	TX	BILL	5W
0330	K5DW	559	TX	DON	5W
0332	VE4WI	449	MB	CRAIG	5W
0333	WE9K	559	WI	GLENN	5W
0336	KC1FB	559	CT	JIM	5W
0338	K4TJD	559	GA	TOM	5W
0339	N0TK	559	CO	DAN	1W
0340	N0UR	559	MN	JIM	5W
0342	KV2X	559	NY	TOM	5W
0344	AF4PS	559	FL	MAC	3W
0345	K7TQ	559	ID	RANDY	5W
0346	W0PWE	559	IA	JERRY	5W
0347	NK9G	339	WI	RICK	5W
0349	NQ7X	559	AZ	FLOYD	5W
0351	KJ0C	339	MO	JIM	5W
0354	NQ7K	559	AZ	MIKE	5W
0356	NK0E	559	CO	DAVE	5W
0358	NV4V	559	KY	PETE	5W
0400	W0UFO		FOX		
0400	N6WG		FOX		

Date: Tue, 15 Jan 2002 12:44:39 -0600
 From: Ed Manuel <edmanuel@directvinternet.com>
 To: qrp-1@lehigh.edu
 Subject: [117623] QRPers in Laredo?
 Message-ID: <4.3.2.7.2.20020115123343.00bfc1b0@mail.directvinternet.com>
 Mime-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"; format=flowed

Any QRPers in Laredo, Texas want to have dinner tonight (Tuesday, 1/15/02).

Call me on my cellphone this evening. (832) 326-5416 and I'll give you a local number to reach me.

Ed Manuel, N5EM

Ed Manuel, N5EM Houston, TX (Harris Co.) EL29
 Houston QRP Club, Houston Amateur Television Society
<http://www.n5em.com/> n5em@amsat.org

Date: Tue, 15 Jan 2002 13:46:24 -0500
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [117624] RE: FS: OHR WM-1 (gone)
Message-ID: <125490A005E3D3118C9C00805FC743CC0217B868@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

It's sold!

72, Michael Tracy, KC1SX

Date: Tue, 15 Jan 2002 18:53:46 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: frussle@erols.com, qrp-l@Lehigh.EDU
Subject: [117625] Re: Was: ADE mixers, Now: driving mixers
Message-ID: <F156J0XQo4rUqGjj54C0000e7be@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: Jake Brodsky <frussle@erols.com>
>Reply-To: frussle@erols.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: Was: ADE mixers, Now: driving mixers
>Date: Mon, 14 Jan 2002 10:49:17 -0500
>
>On Fri, 11 Jan 2002 09:10:32 -0800, Roger Traylor, WB4TPW wrote:
>
> > This brings up another point. If other ports to the mixer aren't
> > terminated well, it makes finding a resonable match to the L0 port
> > difficult.
>
>AMEN! I've thought long and hard and I keep wondering if this is yet
>another urban legend, or what. Given a square wave with a clean 50%
>duty cycle and a source impedance of 50 ohms, I can't imagine why it
>would be worse than a plain sine wave L0 drive.
>

MCL actually recommend using square wave drive.

[deleted]

>
>However, the square wave issue is all about VFO design, not square
>waves presented to mixers. I'm gathering parts for building several
>versions of Linley Gumm's bipolar differential oscillator circuits.

Where are these to be found?

>
>Jake Brodsky, <mailto:frussle@erols.com>
>"Nearly fifty percent of all graduates came from
>the bottom half of the class."

Also, 50% of the population has a below average IQ. It's actually more than that, because the distribution is skewed. 8-)

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Tue, 15 Jan 2002 12:12:52 -0800
From: "Dennis Morales" <dennismo2@home.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [117626] Re: CW LIVES
Message-ID: <000a01c19e01\$031be440\$a716a8ac@c3wb0>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang -

Yes my Nokia 5160 and probably other models have the option of changing Rings and Tones. One of the options for "Message Alert Tone" is called "Long & Loud" and it does send "Connecting People" in CW!

73 de Denny AD6EZ <><

Date: Tue, 15 Jan 2002 14:58:21 -0500
From: =?iso-8859-1?Q?Jocs=E1n_D=EDaz_L=F3pez?= <jocsan@ctehab.minbas.cu>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>
Subject: [117627] OT Maybe about FT-747
Message-ID: <3098232F8EC9D51183ED0050DA0804860366@CXCTEHAB>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hello everyone!

I have an FT-747GX but the power amplifier is oscillating in all bands when it get hot.

Some known problem? Any help?

73 & DX, C03J0 - Joc

Date: Tue, 15 Jan 2002 13:19:25 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [117628] Re: MFJ33' telescoping mast
Message-ID: <20020115.131927.-182083.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As usual, k5di's answer has nothing to do with the original question.

Date: Tue, 15 Jan 2002 15:40:16 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <jim-c@nc.rr.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [117629] Re: NAQP 2002 QRP
Message-ID: <1020015153858.PAA16229@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 1/13/02 7:42 AM, Jim Campbell at jim-c@nc.rr.com wrote:

>I was on last night and worked a few stations on the NAQP. I did it for
>the experience. Since I only worked a few stations, I don't plan to
>send in my logs. Does this detract from the scores of the stations I
>worked?

No. In fact, even if they copied you wrong, they'll still get credit,
because there is no information for the contest judges to tell otherwise.

However, I encourage you to send in your log, no matter how small. The
contest judges use every bit of information they can to confirm every
contact. Even small logs help.

I had great fun in the NAQP -- 500 QSOs, 192 mults for 96,000 points. Of
course, I cheated and used 100 watts. (Sorry)

See

<<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=contests>>
for information on sending in your log for the NAQP.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Tue, 15 Jan 2002 15:45:14 EST
From: MertNellis@aol.com
To: k5di@zianet.com, qrp-1@lehigh.edu
Subject: [117630] Re: MFJ Switching PS for FT-817
Message-ID: <12a.aa4122d.2975eeda@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have been using a 12V, 3.5A switching supply, Made Well brand from Jameco
@ about \$40 for several years now with my various QRP rigs and hear no noise.
It is adjustable, in an enclosure and has a barrier strip for connections.
I have added a switch, line cord, and dc cord and carry it in my brief case
when traveling. It is fairly compact and very light. Made Well also has
some smaller units too. Check it out in Jameco catalog or on line. Usual
disclaimers apply. Mert W0UFO MNQRP

Date: Tue, 15 Jan 2002 16:11:32 -0500
From: W2AGN <w2agn@pobox.com>
To: William R Colbert <w5xe@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117631] Re: MFJ33' telescoping mast
Message-ID: <0201151611320Z.02179@CC2289974-A>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tuesday 15 January 2002 15:19, William R Colbert wrote:
> As usual, k5di's answer has nothing to do with the
> original question.

--

Now, now Bill, when you have to worry about the Stock Market, where your next \$15.00 for QRPp is coming from, AND ear wax, you might lose track of things.

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>
Trustee: W3IYQ

Date: Tue, 15 Jan 2002 16:28:56 -0500
From: "John Dorson" <jdorson@Worldshare.net>
To: <aa4lr@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117632] Re: NAQP 2002 QRP
Message-ID: <001601c19e0b\$a76aaea0\$3e669c40@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

that happens very often on this list...

----- Original Message -----
From: "Bill Coleman" <aa4lr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 15, 2002 3:40 PM
Subject: Re: NAQP 2002 QRP

> On 1/13/02 7:42 AM, Jim Campbell at jim-c@nc.rr.com wrote:
>
> >I was on last night and worked a few stations on the NAQP. I did it for
> >the experience. Since I only worked a few stations, I don't plan to
> >send in my logs. Does this detract from the scores of the stations I
> >worked?
>
> No. In fact, even if they copied you wrong, they'll still get credit,
> because there is no information for the contest judges to tell otherwise.
>
> However, I encourage you to send in your log, no matter how small. The
> contest judges use every bit of information they can to confirm every
> contact. Even small logs help.
>
> I had great fun in the NAQP -- 500 QSOs, 192 mults for 96,000 points. Of
> course, I cheated and used 100 watts. (Sorry)
>
> See
> <<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=contests>>
> for information on sending in your log for the NAQP.
>
>
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
> Quote: "Not within a thousand years will man ever fly!"
> -- Wilbur Wright, 1901
>

Date: Tue, 15 Jan 2002 21:47:34 +0000
From: Larry Cahoon <lejek@erols.com>
To: qrp-l@lehigh.edu
Subject: [117633] USA-CA QRP
Message-ID: <5.1.0.14.0.20020115214600.02159968@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I've gotten some of the updates from those working the counties all
QRP. They have been posted at my web site. If you have not sent me your
year end totals for 2001 please do so. If you want to be added to the list
send me your total as of the end of the year - or whatever date you have it
for.

Tnx and 73 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p/>

Date: Tue, 15 Jan 2002 16:15:35 -0600
From: "Joe Spencer" <kk5na@quadj.com>
To: <wb3aal@fast.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [117634] Re: Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002
Message-ID: <009501c19e12\$27aaf600\$6601a8c0@joes>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ron, et al

I received my Calendars yesterday...(I ordered late).

They are great, as they have been for the previous two years!!

I plan to give two for presents(late Christmas), use one myself and give one out at the First QRP Presentation I give in 2002. (hmmmm may have to get a couple more)

Thanks for the nice work and great pictures.

Joe KK5NA kk5na@quadj.com 817-572-2218
President - QRP ARCI <http://www.qrparci.org>

----- Original Message -----

From: "Ron Polityka" <wb3aal@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 14, 2002 3:41 PM
Subject: Last Call Sale = The 3rd Annual QRP Contest Calendar for 2002

> The Eastern PA QRP Club is selling the 3rd Annual QRP Contest Calendar for
> 2002. This color picture calendar has an Appalachian Trail theme.
>
> The calendar will list all QRP contests and contests with QRP categories.
> It will be a fold out style that you can hang on your wall next to your
rig.
> There is Web site and Contest Manager listings.

>
> The calendar is being mailed out now. The cost will be \$13.50 for US and
> \$15.50 for DX. This will include the shipping cost.
>
> We still have a few copies remaining.
>
> For more information please check www.n3epa.org .
>
> 72 & 73
> Good DXing
>
> Ron Polityka
> n3epa@fast.net
>
> vvv Eastern Pennsylvania QRP Web Page vvv
> <http://www.n3epa.org>
>
> Eastern Pennsylvania QRP Club Call
> N3EPA E-mail address: n3epa@fast.net
>
>
>
>
>

Date: Tue, 15 Jan 2002 17:31:40 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>, "Hare,Ed, W1RFI" <w1rfi@arrl.org>
Subject: [117635] RE: [fpqrp] to no one in particular
Message-ID: <MMEDLKDLDONJOAIGICDJAOEBJCGAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

ED, YOU DA MAN!

Take a pic of it and I'll put it in the Bacon Bits.

72, oo
Dan, N8IE
FPQRP #-6, FISTS #4985
QRP-1 #1404, ARCI #11003

-----Original Message-----

From: owner-fpqrp-1@mpna.com [mailto:owner-fpqrp-1@mpna.com] On Behalf Of
Hare, Ed, W1RFI
Sent: Tuesday, January 15, 2002 4:50 PM
To: pigs
Subject: RE: [fpqrp] to no one in particular

> Jeeeeesh. You feed 'em, ya clothe 'em, ya send 'em to
> skool...and all they
> do is eat the books.

Hey, around here, we feed 'em, clothe 'em and send 'em to skool and all they
do is write the books! We call them "Editors and other Lowlife" if they
dare set foot in the ARRL Lab!

Hey, as long as they leave the Tuna Tin 2 and the little Flying Pigs pig in
the display case alone, I am happy. (I bet you Pigs didn't know that I put
the little Pig in a place of honor in the ARRL Lab, did you?)

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Brian [mailto:brian@iquest.net]
> Sent: Tuesday, January 15, 2002 4:30 PM
> To: JOSEPH PIRKLE; pigs
> Subject: Re: [fpqrp] to no one in particular
>
>
> JOE!! You replied to me in the open. I am now going to have
> to confiscate
> your NoGA secret code book and have you sent back to HQ for advanced
> retraining.
>
> Jeeeeesh. You feed 'em, ya clothe 'em, ya send 'em to
> skool...and all they
> do is eat the books.
>
> NoGA UBER ALLES!
>

>
> ----- Original Message -----
> From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
> To: "pigs" <fpqrp-l@mpna.com>
> Sent: Tuesday, January 15, 2002 3:58 PM
> Subject: Re: [fpqrp] to no one in particular
>
>
> > BRIAN,
> >
> > MESSAGE RECEIVED. PLAN IS IN ACTION.
> >
> > p.s. Surprised you were my secret contact and control.
> >
> > ----- Original Message -----
> > From: "Brian" <brian@iquest.net>
> > To: "pigs" <fpqrp-l@mpna.com>
> > Sent: Tuesday, January 15, 2002 07:11 PM
> > Subject: [fpqrp] to no one in particular
> >
> >
> > | THE FLY IS GONE, AS THE GRASS TURNS RED.
> > |
> > |
> > | =====
> > | KB9BVN/QRP - New Whiteland IN - EM69WN
> > | QRP-ARCI #10223 QRP-L #1540 FIST #5695
> > | FISTS CC #764 - Proud Member ARRL
> > | TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W
> > | INTO INFAMOUS AF4PS ATTIC DIPOLE
> > | SOC #400 AND FLYING PIGS QRP #-57
> > | =====
> > |
> > |
> > | -To unsubscribe, mail to majordomo@fpqrp.com, msg:
> unsubscribe fpqrp-l -
> >
> >
> > -To unsubscribe, mail to majordomo@fpqrp.com, msg:
> unsubscribe fpqrp-l -
> >
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg:
> unsubscribe fpqrp-l -
>
-To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-l -

Date: Tue, 15 Jan 2002 18:14:44 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: dk3red@t-online.de
Cc: qrp-1@lehigh.edu
Subject: [117636] Re: MFJ-259
Message-ID: <3.0.6.32.20020115181444.0079bc20@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>My MFJ HF/VHF SWR analyzer is ill. ;o(I can measure still the frequency,
>however no more SWR. The frequency on the display is solid 0.0000MHz.

Ingo,

This may not apply to your case, but I just fixed one of these meters for a friend of mine. I found a cracked by-pass chip cap on the board with the RF connector on it, which was causing erratic readings. Found that by knowing *something* was loose and decided to retack all the smt parts around the connector and when I hit that cap, half of it came off with the iron!

Then after putting it all back together, another problem cropped up, it didn't power up in the proper "impedance R & X" mode and the R meter was dead. That turned out the battery case was pinching one of the ribbon cable wires connecting the two boards up against the mounting screw for the antenna jack, and had cut right through it!

Although these problems are different than yours, they may have similar causes. Good luck! And no, I didn't have a schematic, but that never stopped me from fixing stuff before - just takes a little longer :-)

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 15 Jan 2002 16:35:38 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "QRP-1 Forum (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [117637] Question: OHR-100A Low Audio..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F0874136B@hq-expo2.filenet.com>

I pulled an OHR-100A/30M kit off the shelf I bought over two years ago and

built last year. I had yet to go through the tune-up and alignment process (such are the demands of civilian life). I slew most of the bugs my building caused and the radio works great (like all of these little beauties do) with one exception:

This one's audio is not the customary, wake-the-dead-take-no-prisoners speaker audio I found in the other two I built (and subsequently sold). I checked my work (three times) and everything appears to be o.k. The sidetone is fine; the side tone I dumped into the audio from a TiCK keyer is great; but the background noise and signals seem to be somewhat faint. I kinda traced it down to the IF amplifier (U101 - an MC1350P) and the RF gain control and wanted to get sanity check. I was wondering if I could get the answers to the following questions from those who have an OHR-100A and don't mind poking around as a matter of curiosity (or already *know* what the deal is):

- (1) Does your OHR-100A board have traces that tie pins 1 and 2 or U101 together? Or, put another way: Are the voltages on pin #1 and pin #2 or U101 exactly the same?

My kit originally had a trace connecting pins #1 and #2 together but the trace was cut between when I received the kit. It was like a set of boards had just one little mistake in them and these were corrections.

If the voltages are exactly the same, then the rig probably has the two pins tied together. I am just doing a sanity check here.

- (2) What is the voltage excursion on pin 5 of U101 (the MC1350P) on your rig?

If your rig has the typical "ear-splitting" speaker audio like the other

OHR-100As I have built, I am extremely interested. Mine is on the order of 6.4-7.1 Volts. The MC1350P has a built in AGC circuit that is controlled

by the voltage on pin 5. Anything above 5 volts turns on this AGC circuit.

At about 6 volts the output of the chip is attenuated by -20-30 dB. At 7

volts, the figure quoted in the Motorola spec sheets is the maximum at -80 dB.

Somewhere, I have a spread sheet someone sent me with a 5.44 Volt measurement

but I am dying to find out what a typical loud rig's readings are.

- (3) What is the voltage excursion on the wiper of the RF gain pot?

That's the middle wire coming off the pot. Mine is about 5.00 volts to the DC maximum from the power supply.

Need that loud audio -- too many rock concerts from my younger days (ah, the sixties)..and thanks again.

72,

Bill, K6WHP

Date: Tue, 15 Jan 2002 18:24:44 -0700
From: "Steve/n0tu" <n0tu@codenet.net>
To: "QRP-L" <QRP-L@lehigh.edu>
Subject: [117638] Ham Radio on CNN Headline News ticker
Message-ID: <002e01c19e2c\$94b93580\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Watching the evening CNN news I was surprise to the ticker say "CQ CQ ham radio...."
anyway the details (see the link below)about Alpha crew wraps up spacewalk.
Not a big mention but no the less a mention!

<http://www.cnn.com/2002/TECH/space/01/14/alpha.walk/index.html>

Great to see HR in prime time!

Steve/n0tu

Date: Tue, 15 Jan 2002 18:07:20 -0800 (PST)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [117639] Re: MFJ-259
Message-ID: <20020116020720.31635.qmail@web13802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>The frequency on the display is solid 0.0000MHz.

Mine did exactly this last year. Discovered that the contacts on the 6 position Frequency Switch were dirty. Worked great after cleaning. Hey, it's a place to start.

GL es 72/73!

Dale

=====

"There is a very fine line between "hobby" and "mental illness." --Dave Barry

=====

Dale Anderson, KB0VCC	In the Mt Washington Valley
QRP-L #91 / CQC #251	Conway, New Hampshire
ARS #234 / FISTS #3172	Grid Sq: FN43kx
QRP-NE #600	http://www.qsl.net/kb0vcc

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<http://promo.yahoo.com/videomail/>

Date: Tue, 15 Jan 2002 19:39:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [117640] FOX: Where is the Cub Fox?
Message-ID: <Pine.LNX.4.33.0201151935510.2047-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have listened under Mexican SSB and loud CW signals from 7.050 to 7.070 and not a Fox can I hear. He has been at it for 30 minutes but there is no Hounds to be heard either.

If anyone has worked him please let me know...could be propogation and his 3 watts to a Ham Stik....:-(

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

<http://www.zianet.com/k5di/>

Date: Tue, 15 Jan 2002 18:54:16 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [117641] Rare Find! Leader Wattmeter...w/ QRP Range!
Message-ID: <F2002C5M1HxThYxtU0w0001d90c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

A non-ham acquaintance of mine was cleaning his basement when he came across a 'new in the box' Leader 880S wattmeter/dummy load with 5w, 20w, and 120w ranges...even still had the funny papers and blank warranty card! Boy, it's a beauty...and the price was right: just being in the right place at the right time! Hi! Looks like something from the 60's or 70's? Nice big meter...maybe someone remembers...

Just for grins, here's a photo:

<http://w3.cablespeed.com/~cqdx/watt.htm>

73, John K7FD

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Wed, 16 Jan 2002 02:58:48
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: k5di@zianet.com, qrp-1@Lehigh.EDU
Subject: [117642] Re: FOX: Where is the Cub Fox?
Message-ID: <F83z3FB1FxQFM83UV8w00001dbf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

7.051.4

>From: "Karl F. Larsen" <k5di@zianet.com>
>Reply-To: k5di@zianet.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: FOX: Where is the Cub Fox?
>Date: Tue, 15 Jan 2002 19:39:01 -0700 (MST)
>
>
> I have listened under Mexican SSB and loud CW signals from 7.050
>to 7.070 and not a Fox can I hear. He has been at it for 30 minutes but
>there is no Hounds to be heard either.
>
> If anyone has worked him please let me know...could be propogation
>and his 3 watts to a Ham Stik...:-(
>
>--
>Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Tue, 15 Jan 2002 22:03:56 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <hubby2k@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117643] Re: FOX: Where is the Cub Fox?
Message-ID: <0b2501c19e3a\$72cb4360\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

7.053 listening up

----- Original Message -----

From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 16, 2002 2:58 AM
Subject: Re: FOX: Where is the Cub Fox?

> 7.051.4
>
>
>
>
> >From: "Karl F. Larsen" <k5di@zianet.com>
> >Reply-To: k5di@zianet.com
> >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> >Subject: FOX: Where is the Cub Fox?
> >Date: Tue, 15 Jan 2002 19:39:01 -0700 (MST)
> >
> >
> > I have listened under Mexican SSB and loud CW signals from 7.050
> >to 7.070 and not a Fox can I hear. He has been at it for 30 minutes but
> >there is no Hounds to be heard either.
> >
> > If anyone has worked him please let me know...could be propogation
> >and his 3 watts to a Ham Stik...:-(
> >
> >--
> >Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
>
>
>
>
>
> -----
> Get your FREE download of MSN Explorer at
<http://explorer.msn.com/intl.asp>.
>

Date: Tue, 15 Jan 2002 21:06:03 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117644] Re: FOX: Where is the Cub Fox?
Message-ID: <200201160306.AA00995@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Listening on 7.051, and there's a QSO in progress, but

no fox heard. *Maybe* a couple hounds underneath said QS0,
but other than that, nada. Looks like no joy tonight.

72/73,

Todd, AG0T

Date: Tue, 15 Jan 2002 21:09:14 -0600
From: "Don Wines" <dwines@tyler.net>
To: <hubby2k@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [117645] Re: FOX: Where is the Cub Fox?
Message-ID: <003001c19e3b\$35906880\$694e4c42@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Brice is at 7053.0 listening up.

72

Don, K5DW

k5dw@arrl.net

QRP-L #2083 QRP-ARCI #10145 NETXQRP #3

Visit the NETXQRP Web Site at <http://www.netxqrp.org>

----- Original Message -----

From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 16, 2002 2:58 AM
Subject: Re: FOX: Where is the Cub Fox?

> 7.051.4

>

>

>

> >From: "Karl F. Larsen" <k5di@zianet.com>

> >Reply-To: k5di@zianet.com

> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> >Subject: FOX: Where is the Cub Fox?

> >Date: Tue, 15 Jan 2002 19:39:01 -0700 (MST)

> >

> >

> > I have listened under Mexican SSB and loud CW signals from 7.050

> >to 7.070 and not a Fox can I hear. He has been at it for 30 minutes but
> >there is no Hounds to be heard either.
> >
> > If anyone has worked him please let me know...could be propogation
> >and his 3 watts to a Ham Stik...:-(
> >
> >--
> >Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
>
>
>
>
>
> -----
> Get your FREE download of MSN Explorer at
<http://explorer.msn.com/intl.asp>.
>

Date: Tue, 15 Jan 2002 20:32:13 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [117646] FOX: Well no joy
Message-ID: <Pine.LNX.4.33.0201152030060.2456-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now monitoring 2 frequencies and still hear nothing but a few
Hounds not working the Fox. I have been beat by propagation. I don't
expect to hear the Fox again.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Tue, 15 Jan 2002 22:39:37 -0500

From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [117647] New Dual Band DDS Rig!
Message-ID: <3.0.6.32.20020115223937.00798100@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just more or less got a new dual band DDS rig up and running. Just one or two bugs still to find in the keyer speed setting routine, but on the whole, it works FB. The complete rig will fit in a (big) shirt pocket and weighs just 6.2 oz. The transmitter is putting out nearly 6 watts on 40 and 4 watts on 20 (13.8V supply) Might have to tone that down a little, hi. This will be my new back packing rig for the summer season and other field activities, maybe FYBO will be it's first test //:-)

I designed this one to be reproducible and possibly a kit. Check it out, pictures and full discription on my web site, URL in sig line. Look for "new shirt pocket dual band DDS rig" under projects and circuits on the home page.

72,
Steve, KD1JV
"Melt Solder"
White Mountians of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 15 Jan 2002 21:42:23 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [117648] Re: FOX: Well no joy
Message-ID: <3C44F69F.BDF08BAF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brice is on 7053.62 right now (9:38 pm CST) and loudspeaker copy.

He got off to a slow start but I was one of the first few - worked him at 0216.

Band in pretty good shape here with lots of strong signals from all over, but Brice is a layer beneath the others. The XE SSB QRM doesn't help much either.

Doing a good job for his first time ever - slow code but keeping his cool

and working Hounds.

Karl, you had a good signal in here tonight. Heard you call Brice several times.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Karl F. Larsen" wrote:

>
> Now monitoring 2 frequencies and still hear nothing but a few
> Hounds not working the Fox. I have been beat by propagation. I don't
> expect to hear the Fox again.

Date: Tue, 15 Jan 2002 22:47:29 -0500
From: "Tom" <n1tp@worldnet.att.net>
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>
Subject: [117649] FOX: Cub spot
Message-ID: <00b501c19e40\$85f36160\$51994d0c@tom>

7.053.70 up

Tom, N1TP
Naples, FL

Date: 15 Jan 2002 23:21:41 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [117650] looking for used laptop for PSK
Message-ID: <20020116042142.1818.qmail@umdv008.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for a minimal laptop (preferably in the houston area) to dedicate=

to
only psk. Anyone with a source of cheap laptops?

mike
wb5yjx
1 watt all the time

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Wed, 16 Jan 2002 04:56:33 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Subject: [117651] tubes without filaments? that's QRP !
Message-ID:
<20020116045633.JFHX13117.mtiwmhc24.worldnet.att.net@webmail.worldnet.att.net>

Hello -

This is an interesting article:

<<http://www.eetimes.com/at/news/0EG20020104S0027>>

I've never heard about cold emission of electrons
before - it certainly would make a QRP tube rig
a little more battery friendly ;)

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<http://jacksonharbor.home.att.net/>

Date: Tue, 15 Jan 2002 23:58:52 EST
From: MertNellis@aol.com
To: qrp-l@lehigh.edu, QFOX@yahoogroups.com
Subject: [117652] FOX Final Log W0UFO
Message-ID: <3a.20632b16.2976628c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thanks to all. Here is the log.

FOX Log for W0UFO FINAL
Hunt 23 1-11-02 UTC

TIME	CALL	RST	ST	NAME	PWR
0200	K3IU	559	RI	KEN	5W
0202	K0EVZ	589	ND	DOC	5W
0203	WA9TZE	559	WI	JIM	5W
0204	NK9G	559	WI	RICK	5W
0205	K4XR	559	AL	CRAIG	5W
0206	WA8WV	559	WV	DAVE	500MW
0207	K4MF	559	FL	GARY	5W
0208	KV4EE	559	SC	CRAIG	5W
0209	KB9YIG	559	IN	TONY	5W
0210	W9HL	559	IL	RANDY	5W
0211	W8RU	599	MI	RON	5W
0212	W9XU	559	WI	LON	5W
0213	VE6KG	559	AB	NORM	5W
0214	WE9K	559	WI	GLENN	5W
0215	N0AR	559	MN	SCOTT	5W
0215	N4ROA	559	VA	DAN	5W
0216	K3PH	559	PA	BOB	5W
0217	K0PC	599	MN	PAT	5W
0218	W4BQP	579	NC	JIM	5W
0219	N0HRL	559	MN	KEN	5W
0220	VE5RC	559	SK	BRUCE	5W
0221	N1FN	559	CO	ET	5W
0222	KK5LD	559	TX	DAN	5W
0223	W5YR	559	TX	GEORGE	5W
0225	VA6RF	559	AB	EARL	5W
0226	N9NE	559	WI	TODD	100MW
0226	KC1FB	559	CT	JIM	5W
0227	K5DI	559	NM	KARL	5W
0228	W8VJW	559	MI	JOHN	5W
0229	AC5JH	559	OK	TOM	5W
0230	K4FB	559	FL	PAUL	5W
0231	KS4V	559	KY	BRUCE	5W
0232	WA9CWX	579	WI	FRANK	150W
0233	K9IS	559	WI	STEVE	5W
0235	K5JHP	559	TX	BILL	5W
0235	N9WW	559	IL	JIM	5W
0237	W9NXC	569	GA	GENE	100W
0238	W8SFF	559	MI	STEVE	5W
0239	K5DW	559	TX	DON	5W
0240	N2WW	559	CO	LARRY	5W
0241	AA5O	559	LA	VERN	5W
0241	WD4MSM	599	IN	BARRY	5W
0242	K8LH	579	MI	MIKE	5W
0243	W0RSP	579	SD	ADE	3W

0244	N9AW	559	WE	JERRY	5W
0246	AF4PS	559	FL	MAC	5W
0249	N1TP	559	FL	TOM	5W
0250	AG0T	559	ND	TODD	4W
0251	W0CH	559	MO	DAVE	5W
0252	WV9N	559	OH	RANDY	5W
0252	WB6BWZ	559	GA	MATT	5W
0253	W7ILW	559	AZ	WALT	5W
0254	VE4WI	559	MB	CRAIG	5W
0256	W0PWE	599	IA	JERRY	5W
0257	K20QA	599	NJ	ED	100W
0258	K9IUA	559	IA	KEVIN	5W
0259	K4GT	559	GA	JIM	5W
0300	K8CV	559	MI	WALT	5W
0300	KR5C	559	TX	GEORGE	5W
0301	K9DC	559	IN	DAVE	5W
0302	N0TU	559	CO	STEVE	5W
0303	K4TJD	599	GA	TOM	5W
0304	K4ADI	559	SC	FRANK	5W
0305	KD5KXF	559	TX	MIKE	5W
0306	VE6EX	559	AB	DAN	5W
0307	AB0CD	559	CO	DICK	5W
0308	KC0GXX	559	NE	TOM	3W
0309	KV2X	559	NY	TOM	5W
0310	W5TB	559	TX	DOC	5W
0311	W5USJ	559	TX	CHUCK	5W
0312	AF4LQ	559	KY	MIKE	5W
0313	K5ZTY	559	TX	BILL	5W
0314	NV4V	559	KY	PETE	5W
0315	N0RC	559	CO	ROD	5W
0316	W2XN	559	FL	FRED	5W
0317	KI0II	559	CO	RON	1W
0318	KQ5U	559	TX	TERRY	5W
0319	KB7WW	559	OR	ART	5W
0319	KJ0C	559	MO	JIM	5W
0320	K6VNX	559	CA	ARLEN	5W
0321	K50I	559	OK	TIM	5W
0323	AA7XA	559	OR	FRANK	5W
0324	K4BYF	559	FL	JACK	5W
0325	K8MIA	559	WV	JIM	5W
0326	N9IJ	559	IL	LEN	5W
0328	N3ZPQ	559	OH	FRANK	4W
0329	WA8BXN	559	OH	MIKE	5W
0330	NX8C	559	MI	NIEL	5W
0331	W7CQR	559	OR	DAN	5W
0332	K4JPN	579	GA	STEVE	3W
0334	WB8WTU	559	OH	DENNIS	2W
0335	KG4LDY	559	VA	JIM	5W

0336	N0UR	559	MN	JIM	5W
0336	K5EOA	559	LA	WAYNE	5W
0337	N4MAP	559	GA	SAM	5W
0338	K8KFJ	559	WV	GARY	5W
0339	N5GJQ	579	LA	MIKE	5W
0340	WR50	559	TX	DAVE	5W
0341	AD2A	579	NJ	DAVID	5W
0342	NQ7X	559	AZ	FLOYD	5W
0343	N0TK	559	CO	DAN	1W
0345	WE6W	559	CA	ED	4W
0346	KG4CHX	559	NC	TIM	5W
0348	K7EL	559	OR	DAVE	5W
0349	KG6CYN	559	CA	TREV	5W
0350	NU8S	559	OH	DENNIS	5W
0351	VE3FAL	559	ON	FRED	5W
0353	K7TQ	559	ID	RANDY	5W
0354	N5YFC	559	LA	WAYNE	5W
0355	KE6RS	559	CA	RON	5W
0356	KB9LGJ	559	CA	TIM	5W
0400	N6WG	FOX			
0400	W0UFO	FOX			

Date: Wed, 16 Jan 2002 02:04:45 -0500
 From: "Brice D. Hornback" <bdh@cyberbound.net>
 To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [117653] CUB FOX HUNT - NUMBER 12 (Preliminary Log)
 Message-ID: <0cad01c19e5c\$1487aba0\$7001a8c0@lwrnc1.in.home.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Thank you all for your patience with me. Conditions here in Indianapolis were not that great this evening and I was having a difficult time catching some of the call signs. I also know my signal was pretty weak compared to most of the hounds, noise, and QRM. My SW-40+ held up fine at 3W and my Hamstick on a tripod remained pointing up throughout. (It had actually blown over before the hunt started due to some fairly strong winds, so I used a tent stake and a length of wire to anchor the tripod to the ground.) So, the equipment held up fairly well. However, near the end... my NorCal Iambic paddle (built from a kit) started falling apart. I guess I didn't have the nuts tightened down enough. I was about to switch to the Lionel J-38... but ran out of time. Anyway... I hope you all had fun. I enjoyed it. If I didn't hear you this time... I'm sorry. I tried very hard to hear everyone.

Please let me know if there are any corrections to the log.

TU ES 73/72/71! DE KA8MAV (Brice)

CUB FOX HUNT - NUMBER 12
JANUARY 15 (16TH UTC), 2002
0200 TO 0400 UTC

0200	N3BJ	559	VA	ALAN	5W
0207	K0EVZ	559	ND	DOC	3W
0210	K4ADI	559	SC	FRANK	3W
0213	K4GT	559	GA	JIM	5W
0216	W5YR	559	TX	GEORGE	5W
0217	KV4EE	559	SC	CRAIG	5W
0220	W5USJ	529	TX	CHUCK	5W
0223	W0CH	559	MO	DAVE	5W
0225	WA9TZE	579	WI	JIM	5W
0229	W4BQP	559	NC	JIM	5W
0232	K4BYF	559	FL	JACK	5W
0236	WA8BXN	559	OH	MIKE	5W
0239	KG4LDY	559	VA	JIM	5W
0241	W0IS	559	MN	RICK	5W
0247	N1TP	559	FL	TOM	5W
0250	N9AW	559	WI	JERRY	5W
0253	K8CV	559	MI	WALT	5W
0256	N1FN	559	CO	ET	5W
0304	AA3WI	559	MD	JOHN PAUL	4W
0310	N9NE	559	WI	TODD	5W
0312	KC9LC	559	VA	RANDY	5W
0319	K5DW	559	TX	DON	5W
0321	KC1FB	559	CT	JIM	5W
0323	KD5KXF	559	TX	MIKE	5W
0327	KK5LD	559	TX	DAN	5W
0330	K5DI	559	NM	KARL	5W
0331	KB3E0F	559	MD	SANDY	5W
0333	KJ0C	559	MO	JIM	5W
0338	WB6BWZ	559	GA	MATT	5W
0344	AF4PS	559	FL	MAC	3W
0348	AC5JH	559	OK	TOM	5W
0350	KA0EC	559	MN	GENE	5W
0355	KI0II	559	CO	RON	1W
0359	N0TU	559	CO	STEVE	5W
0400	KA8MAV	FOX	IN	BRICE	3W

Date: Wed, 16 Jan 2002 07:15:02 -0500
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [117654] Re: New Dual Band DDS Rig!
Message-ID: <3C456EC6.140C0CA4@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve, do you EVER slow down? I wish I had your energy level.

Looks like a cool rig. Did I hear "kit"?????

Michael N4NMR

Steven Weber wrote:

>
> Just more or less got a new dual band DDS rig up and running. Just one or
> two bugs still to find in the keyer speed setting routine, but on the
> whole, it works FB. The complete rig will fit in a (big) shirt pocket and
> weighs just 6.2 oz. The transmitter is putting out nearly 6 watts on 40 and
> 4 watts on 20 (13.8V supply) Might have to tone that down a little, hi.
> This will be my new back packing rig for the summer season and other field
> activities, maybe FYBO will be it's first test //:-)
>
> I designed this one to be reproducible and possibly a kit. Check it out,
> pictures and full discription on my web site, URL in sig line. Look for
> "new shirt pocket dual band DDS rig" under projects and circuits on the
> home page.
>
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>

--
73 de N4NMR
Michael Bower
Ashburn, VA (near Washington, D.C.)

Date: Wed, 16 Jan 2002 04:46:08 -0800 (PST)
From: Chuck Carpenter <W5USJ@go.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117655] Re: tubes without filaments? [0A2 reg?]
Message-ID: <3917234.1011185168393.JavaMail.W5USJ@gomailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Sounds a little like regulator tubes e.g., the 0A2 and others in the same category.

Sort of a gas-filled zener diode...

>I've never heard about cold emission of electrons before
>

Chuck, W5USJ, Point, Rains Co TX EM22cv, NE-TX QRP #1

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Date: Wed, 16 Jan 2002 07:53:09 -0500
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [117656] Digest not received
Message-ID: <6579C6377F475547985F0B3E426E162614034E@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi all

Has something happened to the digest on qrp-l?
I haven't received one in two days now.=20
I guess I need to look at my commend sheet see if
I can find out if I have been unregistered or what.

Is there anyone else questioning the absence of digest?

Marty

Date: Wed, 16 Jan 2002 05:02:19 -0800 (PST)
From: Chuck Carpenter <W5USJ@go.com>
To: qrp-1@Lehigh.EDU, netxqrp@mailman.qth.net
Subject: [117657] NE-TX QRP Club Meeting
Message-ID: <5604390.1011186139549.JavaMail.W5USJ@gomailjtp04>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

QRPLers,

The next meeting of the NE-TX QRP Club will be held this coming Saturday.
Interested folks are invited to attend.

Saturday
January 19, 2002
1:00 to 3:00 PM (or so)

John Y Miguel's Cafe (Tex/Mex & 'merican)
104 State Highway 205
Terrell, TX
Phone: (972) 524-1447

Directions:
Miguel's is on the west side of Terrell. It is on 205 north, near the intersection of I-80, 205, and 148. 205 goes north from I-80 toward Rockwall and 148 goes south back across I-20. Go north on 205 about 1/4 mile and it's on the right. Big place, hard to miss. It's just past a Kuick Kar lube-and-tune place and across the road is a Walmart plaza.

If you have a favorite QRP something you'd like to bring along, please do. Weather permitting we may try some portable operation either behind the restaurant or at a local park in Terrell. Come join the fun!

For more NETXQRP Club info check our website: <http://www.netxqrp.org/>

Chuck, W5USJ, Point, Rains Co TX EM22cv, NE-TX QRP #1

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Date: Wed, 16 Jan 2002 09:02:41 -0500
From: "Mike Yettsko" <myetsko@insydesw.com>
To: <W5USJ@go.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [117658] Re: tubes without filaments? [0A2 reg?]
Message-ID: <001f01c19e96\$78505c60\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wouldn't all the 'nixie' or other type display tubes be considered tubes without filaments as well? And even neon bulbs?

>I've never heard about cold emission of electrons before

Date: Wed, 16 Jan 2002 08:18:07 -0600
From: "George, W5YR" <w5yr@att.net>
To: W5USJ@go.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [117659] Re: tubes without filaments? [0A2 reg?]
Message-ID: <3C458B9F.E215FD40@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The 0Z4 was a very popular cold-cathode rectifier used in auto radios in the late 30's and 40's. It was a gas tube, of course, and very hard to get during WW2.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

Chuck Carpenter wrote:

>

> Sounds a little like regulator tubes e.g., the 0A2 and others in the same category.

>

> Sort of a gas-filled zener diode...

>

> >I've never heard about cold emission of electrons before

Date: Wed, 16 Jan 2002 08:05:13 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.EDU>
Subject: [117660] KI6SN CW Filter
Message-ID: <000501c19e9f\$34729e00\$87dd070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With KI6SN's permission would any club be interested in putting out a kit for the Variable Bandwidth CW Filter that Richard has in the February World Radio on page 54. KF7ET misplaced Vermonter in Idaho

Date: Wed, 16 Jan 2002 08:18:40 -0700
From: Majority Mike Capt 56 TRS/IP <mike.majority@luke.af.mil>
To: qrp-l@Lehigh.EDU
Subject: [117661] Re: QRP NVIS
Message-ID: <95509081DF6CD411B2C700D0B78480120259544B@mohawk.luke.af.mil>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Not sure why the link in the e-mail didn't work. Try copy/paste into browser, tried the link this morning (just not from the message on the list) and still works ok.

The address again (might work by just typing into address line, that worked ok here):

<http://www.scn.org/IP/nwqrp/archives/aug97/nwqaug06.htm>.

72,
Mike, N4VBV

Date: Wed, 16 Jan 2002 10:34:32 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@lehigh.edu
Cc: mike.majority@luke.af.mil
Subject: [117662] Re: QRP NVIS
Message-ID: <200201161634.g0GGYWG08500@okcforum.org>

Mike, N4VBV (mike.majority@luke.af.mil) posted:

> Not sure why the link in the e-mail didn't work. Try copy/paste into
> browser, tried the link this morning (just not from the message on the list)
> and still works ok.
>
> The address again (might work by just typing into address line, that
> worked ok here):
>
> <http://www.scn.org/IP/nwqrp/archives/aug97/nwqaug06.htm>.

The problem is the period at the end of the URL; it does not belong.

Try:

<http://www.scn.org/IP/nwqrp/archives/aug97/nwqaug06.htm>

(My opinion: It's worth the trouble...QRP NVIS is interesting stuff.)

73,

Jim WB5UDE

(reading QRP-L from the QRP-L web site, because I'm still not receiving
the digest)

Date: Wed, 16 Jan 2002 11:43:05 -0500
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: qrp-l@Lehigh.EDU, neqrp@jonal.net
Subject: [117663] Last nights NEQRP SSB NET
Message-ID: <0F443DC999.4947E559-0N85256B43.005B96C8@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well I did not realize a traffic net would be on Tuesday night
on 3.930!! Band was packed like sardines. Tried to find an
open frequency until 9:05PM but never did.

Anyone have suggestions I would appreciate hearing from
you.

Ron - N1ZSW

End of QRP-L Digest 2436
